

# PUBLIC WORKS, IRELAND.

---

## THIRTY-NINTH REPORT

FROM THE

## BOARD OF PUBLIC WORKS, IRELAND:

WITH THE

## APPENDICES,

FOR THE YEAR 1870-71.

---

*Presented to both Houses of Parliament by Command of Her Majesty.*

---



DUBLIN:

PRINTED BY ALEXANDER THOM, 87 & 88, ABBEY-STREET,  
FOR HER MAJESTY'S STATIONERY OFFICE.

---

1871.

[C.—383.] Price 8d.



# CONTENTS.

## REPORT.

	Page
LOANS AND GRANTS FOR PUBLIC WORKS, . . . . .	6
PUBLIC BUILDINGS, . . . . .	9
LAND IMPROVEMENT, . . . . .	11
Thorough Drainage, &c., . . . . .	13
Fencing for Shelter, . . . . .	13
Farm Buildings, . . . . .	13
Scotch Mills, . . . . .	13
Labourers' Dwellings, . . . . .	13
LANDREED AND TRENT ACT, 1870, . . . . .	14
ARTERIAL DRAINAGE, . . . . .	16
HARBOURS, . . . . .	17
FISHERY TIDES AND HARBOURS, . . . . .	17
INLAND NAVIGATIONS, . . . . .	18
THE SEWAGE UTILIZATION ACT, 1865, . . . . .	19
BRIDGES, . . . . .	19
TRAMWAYS, . . . . .	19
POST ROADS, . . . . .	19

## APPENDIX.

### APPENDIX A.—ACCOUNTS:—

(A.)—Abstract of the Accounts of the Commissioners of Public Works for Year ended 31st March, 1871, . . . . .	22
(A. 1.)—An Account showing the Receipts and Expenditure of the Commissioners of Public Works, in the Year ended 31st March, 1871, . . . . .	24
(A. 2.)—Land Improvement Preliminary.—Account showing the Receipts and Expenditure of the Commissioners of Public Works, in the Year ended 31st March, 1871, . . . . .	24
(A. 3.)—Parliamentary Votes and Grants.—Account showing the Receipts and Expenditure of the Commissioners of Public Works, in the Year ended 31st March, 1871, . . . . .	24
(A. 4.)—Lunatic Asylum Buildings.—An Account showing the Receipts and Payments of the Commissioners of Public Works in Ireland (on account of the Commissioners for the Control, &c. of Lunatic Asylums), during the year ended 31st March, 1871, pursuant to Act 1 & 2 Geo. IV., c. 33, &c., . . . . .	32
(A. 5.)—Miscellaneous Services.—Account showing the Receipt and Expenditure of the Commissioners of Public Works, in the Year ended 31st March, 1871, . . . . .	34
(A. 6.)—Abstract of Loans made by the Commissioners of Public Works, under the provisions of Act 1 & 2 Wm. IV., cap. 53, and subsequent Acts, to the 31st March, 1871, . . . . .	36
(A. 7.)—Statement of the Outstanding Loans made by the Commissioners of Public Works, pursuant to Act 1 & 2 Wm. IV., c. 33, and 4 & 5 Vic., c. 44, showing the Issues and Repayments within the Year, . . . . .	39
(A. 8.)—Statement of Final Awards under Arterial Drainage Acts, with Repayments thereon, to 31st March, 1871, . . . . .	40

### APPENDIX B.—LANDING PROPERTY IMPROVEMENT:—

Inspectors' Annual Reports, . . . . .	48
---------------------------------------	----

### APPENDIX C.—LANDING PROPERTY IMPROVEMENT LOANS:—

Landed Property Improvement Acts.—Schedules showing the Proprietors who have applied for and obtained Loans, the amount sanctioned and issued, . . . . .	52
--	----

### APPENDIX D.—INLAND NAVIGATIONS AND HARBOURS:—

No. 1.—Adams, Robert, Tyrone Navigation, . . . . .	58
2.—Dodd, P. J., Lower Boyne Navigation, . . . . .	58
3.—Manning, Robert, on Fens and Harbours, . . . . .	59
4.—Mason, John S., Ulster Canal, . . . . .	60
5.—Metrick, James M., Shannon and Boyle Water Navigations, . . . . .	61
6.—Molloy, William, Shannon and Mague Navigations, . . . . .	62



# PUBLIC WORKS, IRELAND.

---

## THIRTY-NINTH ANNUAL REPORT

FROM

## THE BOARD OF PUBLIC WORKS IN IRELAND, FOR THE YEAR 1870-71.

---

TO THE LORDS COMMISSIONERS OF HER MAJESTY'S TREASURY.

MAY IT PLEASE YOUR LORDSHIPS,

WE have the honour to submit our Thirty-ninth Annual Report, embracing, in the usual manner, the several services intrusted to our management, viz :—

Accounts :—

Loans for Public Works, Advances and Repayments.

Sanctions for Grants.

Public Buildings, viz :—

Dublin Buildings, including Viceregal Residences and Establishments in Dublin Castle and the Phoenix Park, the Courts of Law, Public Offices, Government Prisons, Constabulary Depot, General Post Office and Metropolitan Police Stations of the Dublin District, the Royal Hospital, Kilmainham, the Royal Hibernian Military School, the Royal Dublin Society and Glasnevin Gardens, the Royal Irish Academy, the National Gallery of Ireland, Irishtown Church.

Constabulary Buildings throughout Ireland.

Coast-Guard Stations do.

Customs Buildings do.

Inland Revenue Buildings do.

Post Offices.

Queen's Colleges, at Cork, Belfast, and Galway.

National Education Buildings.

Phoenix Park.

Loans for Erecting Labourers' Dwellings in Towns and Populous Places.

Supply of Fuel and Light to all Public Offices in Ireland.

Landed Property Improvement, including—

Drainage of Lands, &c.

Erection of Farm Houses and Farm Buildings.

Do. Scutch Mills.

Do. Labourers' Dwellings.

Loans for Planting Trees for Shelter.

Landlord and Tenant Act, 1870 (33 & 34 Vic., c. 46).

Arterial Drainage, with Improvement of Navigation and Water-power.

Drainage and Improvement of Lands.

Drainage Maintenance.

Harbours.

Fishery Piers and Harbours.

Inland Navigations.

Utilization of Sewage Act.

Tramways.

Post Roads.

# LOANS AND GRANTS FOR PUBLIC WORKS.

The following is an Abstract of the several Loan Funds which have from 1866 to 1896 been granted, showing the amounts raised on account of each class of Loans, the amounts repaid, and the Depreciation, to the 31st March, 1871, after the same amount had repaid within the year.

AMOUNTS AUTHORIZED BY PARLIAMENT			For what purposes?	Amount		Repaid.	Depreciation		
				Totally repaid 1871	Not repaid 1871		For 1871 1871	1871 1871	
	£	s	d	£	s	d	£	s	d
(1) Public Works Loan Fund. Act 1 & 2 Vic. c. 10. Act 3 & 4 Vic. c. 100. Act 5 & 6 Vic. c. 85. Several under provisions of Act 1 & 2 Vic. c. 10, continued by various Acts till Act 17, changing the authorized Fund with 200,000 per annum. Act 3 & 4 Vic. c. 100. Act 5 & 6 Vic. c. 100. Act 7 Vic. c. 85. Act 11 & 12 Vic. c. 85. Act 22 & 23 Vic. c. 31.	744,000	0	0	1,000,000	0	0	1,000,000	0	0
(2) Repayment of Loan Fund. Act 1 & 2 Vic. c. 100.	—	—	—	4,317,000	10	0	—	—	—
(3) Repayment of Loan Fund. Act 1 & 2 Vic. c. 100.	—	—	—	214,000	0	0	—	—	—
(4) Loan Repayment. Act 10 Vic. c. 85. Act 12 Vic. c. 85. Act 14 & 15 Vic. c. 85. Act 17 & 18 Vic. c. 85.	1,700,000	0	0	1,000,000	0	0	1,000,000	0	0
(5) Loan for Act 14 & 15 Vic. c. 85.	—	—	—	1,000,000	0	0	—	—	—
Total.	—	—	—	10,000,000	10	0	10,000,000	10	0
Public Advances.	—	—	—	10,000,000	10	0	—	—	—
Balance available for Public Advances.	—	—	—	1,000,000	10	0	—	—	—
Plus, viz. Public Works Loan Fund. Local Improvement. Local Am.	400,000	0	0	400,000	0	0	—	—	—

## SANCTIONS FOR GRANTS.

	£	s.	d.	£	s.	d.
By Act 1 & 2 Wm. 4, c. 33, for Public Works, . . .	50,000	0	0			
By Act 1 Vic, c. 21, for Public Works, . . .	50,000	0	0			
By Act 1 & 2 Vic, c. 88 (portion of £50,000), appropriated to Grants for Public Works, . . .	4,000	0	0			
By Act 6 & 7 Vic, c. 44, for Public Works, . . .	21,000	0	0			
				135,000	0	0
By Act 9 Vic, c. 1, in aid of Relief Works, . . .	50,000	0	0			
By Act 9 & 10 Vic, c. 103, do. . . . .	175,000	0	0			
				225,000	0	0
By Act 2 & 3 Vic, c. 61, in aid of the Improvement of the Shannon Navigation, . . . . .	—			296,717	0	0
By Act 8 Vic, c. 3, for Piers and Harbours, . . .	50,000	0	0			
By Act 10 & 11 Vic, c. 75, for do., . . . . .	40,000	0	0			
				90,000	0	0
For Navigation in connexion with Drainage, Act 5 & 6 Vic, 88, . . . . .	—			141,073	0	0
				871,790	0	0

## LOANS.

Loans.

The foregoing abstract gives the results of all loan transactions, under their several classes, which have been intrusted to the Board's management from the commencement of its operations in October, 1831, to 31st March, 1871.

More detailed statements of some of these will be found in the Appendix, viz.—for Public Works Loans, including Arterial Drainage, at pp. 38 to 47; for Land Improvement Loans at pp. 11 to 14 and 48 to 57; and for the loans under the Land Act of last Session at p. 15.

The operations under the other two classes have been practically brought to a close.

## SANCTIONS.

Sanctions.

During the past year Loans have been sanctioned by your Lordships out of the respective funds, and for the following objects, viz:—

(1.) Public Works Loan Fund—	£
River Drainage, including the four new Districts of Gelly, Island Lake, &c., Douglas River, and Frankfort River, . . .	31,204
River Drainage Maintenance, . . . . .	1,400
Fishery Piers, . . . . .	78
Labourers' Dwellings, . . . . .	4,146
Grand Jury of Counties, . . . . .	680
	37,508
(4.) Land Improvement—	
For Improvements by thorough Drainage, Farm Buildings, Labourers' Dwellings, Fencing, Planting, &c., . . . . .	83,380
(5.) Land Act—	
For the purchase by Tenants of their Farms, . . . . .	18,170
Total Sanctions, . . . . .	£139,068

The Grand Jury of County Carlow has again taken advantage of the Act of 1869, extending the period for repayment by Counties to 20 years; and a further loan of £680 was made to them, to extend the improvements commenced in the previous year.

Numerous applications have been made by clergymen of various denominations for advances under the Glebe Loan Act of last Session, but in consequence of the greater part of these not coming within the strict provisions of the Act, and of other legal difficulties arising, very little progress has been made in carrying out the objects of the Act.

A Bill has been prepared, and will shortly be laid before Parliament, which, we hope, will remove these difficulties, when no doubt very extensive advantage will be taken of its provisions by the clergy generally.

Since the date of our last Report the Landlord and Tenant Act, 33 & 34 Vic. cap. 46, has become law. Part III. of this Act confers on us powers to make advances to tenants to purchase their holdings to the extent of two-thirds of the purchase-money; and to make advances to landlords to compensate tenants quitting their holdings, but who have not been disturbed by the landlord; also to enable landlords to improve waste lands.

The 54th section places at our disposal for these purposes a sum of £1,000,000.

The total Loan advances during the year amount to £121,427; and the repayments of principal, including interest, in the same period, to the gross sum of £177,558.

The following statement shows, under general heads, to what purposes this amount has been applied, and the sources from which the repayments have been made, viz. :—

	£	Advances. £	Repayments. £
1. Public Works Loan Fund—			
Counties, . . . . .	4,527		
Labourers' Dwellings in Towns, . . . . .	500		
Fishery Piers and Harbours, . . . . .	1,700		
Other Services, . . . . .	—		
		6,727	7,350
Arterial Drainage Works, . . . . .	25,850		
Do. Maintenance, . . . . .	150		
		26,000	48,618
2. Employment of Labouring Poor including Labourers Drainage, . . . . .		—	10,242
4. Land Improvement, . . . . .		77,980	111,348
5. Land Act, . . . . .		10,720	—
		<u>£121,427</u>	<u>177,558</u>

The amount issued, to be expended under the control of Local Boards, for improvements by Arterial Drainage Works is in excess of the issues in the previous year, the figures being respectively £25,850 and £15,680. On the other hand, the advances to proprietors for improving their estates under the Land Improvement Acts show a falling off of £5,795, the amounts being £77,980, against £83,775 in the previous year.

There is reason to believe that the falling off in this class of improvements arises in some degree from the scarcity of labourers in some parts of the country.

The only new feature of the year is the advance of £10,720, under the Land Act, to enable tenants to purchase their farms, which sum, supplemented by £6,640, contributed by them, has placed seven tenants in absolute possession of their holdings, covering 981 acres, subject to the rent-charge of 5 per cent. per annum for 35 years.

The repayments in the year, which continue to be made with regularity, amount to £177,558, against £179,930 last year, the decrease being due to the cessation of charges, which for the next year or two will be considerable.

The charges have ceased in the year on five drainage districts, viz., Garr, Kilcock, Derrylin, Sow, and Tawnawoggan, on which 66 proprietors were paying half-yearly instalments; in the same time final awards have been made in three new drainage districts, viz., Kilmanstulla, Brickey, and Silver River, which are repayable by 78 proprietors, by half-yearly instalments, for 22 years.

In the Land Improvement Service the rent-charges have terminated on all advances made during the year ended the 5th April, 1849, amounting to £353,650—making, with those which had previously terminated, an aggregate sum of £508,222, on which the proprietors who received these advances will now have the advantages of the improvements made without further charge.

About 600 Labourers Drainage Charges terminated on the 5th April, 1871, leaving 52 which will expire on the 5th April, 1872.



## PUBLIC BUILDINGS.

*Public  
Buildings.*

The usual works of ordinary repairs and maintenance have been carried out at the several Public Buildings and Official Residences in Dublin and throughout the country.

*Four Courts.*

The general re-arrangement of offices at the Four Courts has been effected, and meets with the approval of the Lord Chancellor and the Judges of the Law Courts.

*Charlemont House.*

This building, situate in Rutland-square, has been purchased lately by the Government, for the purpose of providing office accommodation for the Registrar-General's Department. It has been fitted up for the occupation of that department, and it is intended that the General Register Office will be finally removed from the premises in Henrietta-street, now used by that department, in July next, and thus a considerable saving of expenditure in rent be effected. Charlemont House has been made available for the Census Commissioners, and they have had offices allocated to their use in it for some months past.

*Post Offices.*

At the General Post Office very extensive alterations are being carried out, to meet the great increase of Postal business, as well as to provide for the Telegraph service. At Belfast, Cork, and Limerick, considerable works were found necessary to provide for the requirements of the Post Office Department.

*Government Prisons.*

The Prisons at Spike Island and Mountjoy have been duly maintained. That at Philipstown has been leased during the past year by the Government to the Committee of the Glencree Reformatory, for the establishment of an additional institution of that class.

*Constabulary Buildings.*

The buildings at the Depot in the Phoenix Park have been maintained in an efficient manner. The Barrack at Kilsarney, commenced last year, is nearly completed, and new Barracks are in progress at—

Dungannon, county Tyrone;  
Carna, county Galway; and  
Nass, county Kildare.

Arrangements are being made for the immediate commencement of new Barracks at—

Cahiriveen, county Kerry;  
Bruff, county Limerick; and  
Skibbereen, county Cork.

*National Education Buildings.*

Thirty-six new ordinary literary National School-houses have been built in the past year at a total cost of £14,144 4s. 10½d., towards which the Board paid the sum of £9,429 9s. 11d., being two-thirds of the cost, the remaining one-third of the expense being contributed by local persons interested in the schools.

Various additions to, and enlargement of, school-houses, together with such works of improvement as providing timber-flooring, erecting porches, building enclosing walls and gates, wainscoting, tablet rails, eave gutters, and other works, have been effected at 38 ordinary literary National Schools, at a total cost of £2,272 9s. 2d. Towards this sum the Board paid two-thirds, viz., £1,514 13s. 10d., and the remaining one-third was borne by local persons interested.

Public  
Buildings.  
—

Besides this expenditure, the Board have expended in alterations, repairing and maintaining the Metropolitan (or Central) Model School Buildings, the District Model, Minor Model, and Model Agricultural Schools the sum of £5,010 12s. 5d., and a further sum of £1,881 4s. 5d. for furniture for those buildings; and on the ordinary literary National Schools in charge of the Board a sum of £1,819 3s. 2d. has been also expended on works of maintenance and repair.

*Labouring Classes' Lodging-Houses and Dwellings Act (Ireland).*

29 & 30 Vic., c. 44, &c.

No further loans have been made under this Act since the date of the last Annual Report, the impediments to its free working which were noticed in our last Report acting as a hindrance to the proceedings. A Bill has, however, been prepared to remedy certain of the defects, which it is hoped may receive the sanction of Parliament this Session.

*Globe Loans (Ireland) Act, 1870.*

33 & 34 Vic., c. 112.

Twenty-eight applications have been made for loans under this Act up to 31st March, 1871, for the following purposes:—

	No.	Amount applied for.
		£ s. d.
For the purchase of globe land, . . . . .	2	360 0 0
For building and improving of globe houses, . . . . .	9	2,438 6 8
For paying off globe debt, . . . . .	17	7,265 0 0

Of these the Board have only been enabled to recommend for your lordships' approval one application—namely, that of the Very Reverend Edward McGover, p.p., for a loan of £500, for erecting a globe house at Gruard, in the county of Longford.

The operation of the Act has been much restricted by certain doubts and defects which have arisen and been found to exist in regard to its provisions. A Bill has been prepared and submitted to your lordships, the passing of which into an Act will remove the defects, &c., adverted to.

*Coast-Guard Stations.*

The following new Stations have been completed during the past year:—

Ballydavid, county Kerry,	1 Chief Boatman and 6 men.
Ballyglass, county Mayo,	do. do.
Elly Bay, county Mayo,	do. 5 men.
Malin Head, county Donegal,	do. do.
Sheshaven, county Donegal,	do. do.

Extensive alterations and additions have been made at Ballymacaw, Baldoyle, Ballyshannon, Ballinskelligs, Ballyvaughan, Ballyglass (Boat House), Bar of Lough, Benmahon, Carrickfurgus, Castletown Bearhaven, Cromane, Crookhaven, Crosshaven, Courtown, Dingle, Donaghadee, Drummore, Fenit, Fethard, Kilerodane, Malahide, Mill Cove, Mouth of Boyne, Old Head, Oysterhaven, Poor Head, Portmagee, Roche's Point, Robert's Cove, Rosscarbery (Boat House), Rosslare, Skerries, Tarbert, Upper Cove, Whitehouse, and Wicklow.

The works are in progress at the following new Stations:—

Bonsraun, county Donegal,	1 Chief Boatman and 4 men.
Courtmaisherry, county Cork,	1 Chief Officer, 1 Chief Boatman, and 7 men.
Currin's Port, county Donegal,	1 Chief Boatman and 4 men.
Cutra, county Down,	do. do.
Skull, county Cork,	do. and 5 men.
Whitehead, county Antrim,	do. do.

Preparations have been made for building new Stations at—

Ballycastle, county Mayo,	1 Divisional Officer and 5 men.
Balkintoy, county Antrim,	1 Chief Boatman and 4 men.
Derkmore, county Sligo,	do. do.
Seafeld, county Clare,	do. and 6 men.
Teelin, county Donegal,	do. and 4 men.

The works at Balkintoy and Seafeld, for which plans had been prepared and funds provided last year, could not be proceeded with in consequence of legal difficulties with regard to obtaining possession of the sites.

Arrangements have also been made for new works and alterations at—Portrush, county Antrim; Ballyally, Castletownsend, Crookhaven, Oysterhaven, and Robert's Cove, county Cork; Ballyhalbert and St. John's Point, county Down; Ballkirkigan, county Dublin; Knightstown and Waterville, county Kerry; Omagh, county Louth; Pigeon Point, county Mayo; Rathley (Boat House), county Sligo; Courtown, Morriscastle and Rosshare, county Wexford; Five-milepoint, county Wicklow.

Works of repair and maintenance have been executed at various Stations during the past year, at a cost of £4,134 17s. 6d.

#### *Fuel and Light, &c.*

This service for the twelve months ended 31st March, 1871, embraced the supply to about 350 establishments, of coals, coke, turf, gas, chandlery, &c., to the aggregate amount, including the Phoenix Park and Kingstown and Howth Harbours, of £17,914 6s. 10d.

### LAND IMPROVEMENT.

The following statement shows the number of applications and the amounts issued in each year from 1847, when the operations under the Land Improvement Acts first commenced, to the present year.

	No. of Applications.	Amount Issued.
1847, June to December (inclusive),	1,304	472,799
1848, . . . . .	871	328,160
1849, . . . . .	645	379,526
1850, . . . . .	436	250,234
1851, . . . . .	299	145,523
1852, . . . . .	184	88,542
1853, . . . . .	154	55,454
1854, . . . . .	123	40,223
1855, . . . . .	98	35,180
1856, . . . . .	108	32,510
1857, . . . . .	114	31,674
1858, . . . . .	112	35,524
1859, . . . . .	111	29,254
1860, . . . . .	135	36,902
1861, . . . . .	144	36,656
1862, . . . . .	184	61,372
1863, . . . . .	132	38,830
1864, . . . . .	132	38,430
1865, . . . . .	50	45,315
1866, . . . . .	58	26,229
1867, . . . . .	145	39,185
1868-9, . . . . .	179	64,973
1869-70, . . . . .	166	83,173
1870-71, . . . . .	129	77,930

This table shows a slight decrease in the number of applications and the amount issued as compared with last year; still it is satisfactory to observe how largely both have increased since the year 1866, which is no doubt due, to a great extent, to the additional facilities given by the Act 29 & 30 Vic., c. 40, which was passed in that year.

The reports of the Inspectors show the satisfactory manner in which the works are generally carried out, and the successful results of the expenditure.

Land Im-  
provement.

Up to the 31st March, 1871, 4,818 loans were sanctioned by your lordships, but the entire of the sums so approved have not been issued, as many of the loans, or portions thereof, have been either relinquished by the borrowers, or cancelled by the Board under the authority given by the Act 13 & 14 Vic. c. 31.

10 Vic. c. 32,  
13 Vic. c. 35,  
13 & 14 Vic.  
c. 32, and  
29 & 30 Vic.  
c. 48.

At the close of the financial year ending 31st March, 1871, there remained unapportioned out of the fund of £3,000,000, provided by the Acts quoted in the margin, the sum of £768,890.

The total amount issued for all classes of work up to the 31st March, 1871, was £3,142,885.

The loans under which works have been proceeded with, during the financial year now reported on, are classified, as to description of work, thus:—

	No. of Loans.	Amount Sanctioned.
Drainage and other Land Works, . . . . .	46	47,015
Farm Buildings, . . . . .	54	25,735
Labourers' Dwellings, . . . . .	16	11,829
Seotch Mills, . . . . .	1	373
	117	£85,145

The following is a tabular statement, according to districts and counties, showing the number of applications and the amounts issued up to the 31st March, 1871:—

SCHEDULE showing the NUMBER of APPLICATIONS and AMOUNTS ISSUED.

State or County.	No. of Applica- tions.	Amount Issued.	Total No. of Applica- tions.	Total Amount Issued.
<b>NORTHERN DISTRICT.</b>		£ s. d.		£ s. d.
Antrim, . . . . .	128	90,728 0 0	818	388,474 0 0
Londonderry, . . . . .	109	41,088 0 0		
Down, . . . . .	191	84,676 0 0		
Fermanagh, . . . . .	100	46,033 0 0		
Tyrone, . . . . .	184	73,280 0 0		
Armagh, . . . . .	52	13,043 0 0		
Donegal, . . . . .	63	29,693 0 0		
<b>MIDLAND AND EASTERN.</b>			1,798	664,510 0 0
Cavan, . . . . .	91	21,811 0 0		
Monaghan, . . . . .	67	27,589 0 0		
Louth, . . . . .	119	46,748 0 0		
Leicestershire, . . . . .	84	22,625 0 0		
Northampton, . . . . .	172	91,443 0 0		
Westmorland, . . . . .	103	33,738 0 0		
Dublin, . . . . .	126	31,667 0 0		
Kildare, . . . . .	142	47,100 0 0		
King's, . . . . .	107	22,663 0 0		
Queen's, . . . . .	212	82,965 0 0		
Wicklow, . . . . .	157	45,006 0 0		
Carlow, . . . . .	141	61,264 0 0		
Kilkenny, . . . . .	136	48,471 0 0		
Wexford, . . . . .	201	82,102 0 0		
<b>WESTERN.</b>			1,438	436,392 0 0
Sligo, . . . . .	134	63,582 0 0		
Leitrim, . . . . .	121	45,580 0 0		
Mayo, . . . . .	281	111,234 0 0		
Connaught, . . . . .	239	94,825 0 0		
Galway, . . . . .	475	135,580 0 0		
Clare, . . . . .	188	63,621 0 0	1,864	594,509 0 0
<b>SOUTHERN.</b>				
Limerick, . . . . .	495	172,255 0 0		
Tipperary, . . . . .	320	93,482 0 0		
Waterford, . . . . .	99	37,145 0 0		
Cork, . . . . .	695	154,234 0 0		
Kerry, . . . . .	354	126,893 0 0		
<b>Totals, . . . . .</b>			<b>5,518</b>	<b>2,142,885 0 0</b>

## THOROUGH DRAINAGE.

From the commencement of operations under the Land Improvement Acts, up to the 31st March in this year, 242,828 acres have been thorough drained, at an average cost of £5 19s. an acre. Of this quantity, 3,078 acres have been drained during the period from the 1st April, 1870, to the 31st March, 1871.

## PLANTING FOR SHELTER.

For this description of improvement eleven loans, amounting to £5,755, have been sanctioned since the commencement; and of this number four, amounting to £2,180, were approved during the year now reported on.

## FARM BUILDINGS.

Since the passing of the Act 13 & 14 Vic., c. 31, 515 loans, amounting to £217,200, have been sanctioned for the erection of farm buildings, and the operations under 358 of such loans, amounting to £138,340, have been completed.

The following schedule shows the number of loans for farm buildings completed in each county in Ireland, with the sums sanctioned and issued:—

## LOANS FOR FARM BUILDINGS which have been closed.

Name of County.	No. of Loans.	Amount sanctioned.	Amount issued.	Name of County.	No. of Loans.	Amount sanctioned.	Amount issued.
Antrim, . . .	7	2,200	2,200	Leitrim, . . .	7	1,650	1,650
Armagh, . . .	1	200	120	Limerick, . . .	31	12,775	11,635
Carlow, . . .	6	2,050	2,050	Londonerry, . . .	6	1,900	1,900
Cavan, . . .	5	1,020	1,620	Louth, . . .	9	2,000	2,000
Clare, . . .	5	1,000	1,000	Mayo, . . .	19	8,820	8,020
Cork, . . .	31	9,650	9,030	Meath, . . .	16	6,605	6,574
Droghda, . . .	6	1,200	1,200	Monaghan, . . .	2	800	800
Dublin, . . .	4	1,100	1,100	Queen's, . . .	2	4,500	4,700
Dowry, . . .	10	3,760	3,760	Roscommon, . . .	25	9,940	9,254
Fermanagh, . . .	5	960	960	Sligo, . . .	9	4,700	4,350
Galway, . . .	38	14,480	12,930	Tipperary, . . .	26	11,000	10,180
Kerry, . . .	29	6,020	6,340	Tyrone, . . .	8	3,100	3,100
Kildare, . . .	14	4,350	4,090	Waterford, . . .	5	1,225	1,225
Kilkenny, . . .	8	2,760	2,560	Westmeath, . . .	8	4,700	3,250
King's, . . .	2	450	450	Wexford, . . .	13	4,175	4,086
Leitrim, . . .	7	1,650	1,650	Wicklow, . . .	7	3,600	3,190
Limerick, . . .	31	12,775	11,635	<b>Total, . . .</b>	<b>338</b>	<b>138,340</b>	<b>128,439</b>

Ninety-seven loans for farm buildings, amounting to £58,375, are in progress, under which sums amounting to £34,988 have been issued; and 60 loans, amounting to £20,435, have not been proceeded with.

## SOUTH MILLS.

The number of loans sanctioned for buildings of this description, since the passing of the Act 15 & 16 Vic., c. 34, is 9, amounting to £2,735. Of this number 2 loans, amounting to £775 were made within the year now reported on.

## DWELLINGS FOR AGRICULTURAL LABOURERS.

(Act 23 Vic., c. 19.)

Since the passing of the above mentioned Act, 134 loans, amounting to £80,455, have been sanctioned for the erection of labourers' dwellings.

*Land Improvement*

The following table shows the loans for this class of work, which have been completed in the several counties of Ireland:—

LOANS FOR LABOURERS' DWELLINGS which have been closed.

County.	Number of Loans.	Amount sanctioned.			Amount issued.		
		£	s.	d.	£	s.	d.
Armagh, . . . . .	1	2,100	0	0	2,050	0	0
Armagh, . . . . .	1	400	0	0	400	0	0
Carlow, . . . . .	6	3,720	0	0	3,720	0	0
Cavan, . . . . .	3	600	0	0	600	0	0
Cork, . . . . .	1	550	0	0	510	0	0
Donagh, . . . . .	1	600	0	0	500	0	0
Down, . . . . .	5	6,320	0	0	5,880	0	0
Dublin, . . . . .	3	640	0	0	520	0	0
Fermanagh, . . . . .	3	1,950	0	0	1,850	0	0
Galway, . . . . .	2	1,340	0	0	1,300	0	0
Kerry, . . . . .	3	1,950	0	0	1,850	0	0
Kildare, . . . . .	3	1,800	0	0	1,850	0	0
Limerick, . . . . .	5	1,650	0	0	1,650	0	0
Londonderry, . . . . .	3	2,000	0	0	1,940	0	0
Longford, . . . . .	1	200	0	0	200	0	0
Louth, . . . . .	1	100	0	0	100	0	0
Mayo, . . . . .	3	875	0	0	875	0	0
Meath, . . . . .	4	1,380	0	0	1,380	0	0
Monaghan, . . . . .	2	480	0	0	480	0	0
Queen's, . . . . .	2	610	0	0	610	0	0
Roscommon, . . . . .	1	170	0	0	170	0	0
Sligo, . . . . .	1	500	0	0	500	0	0
Tyrone, . . . . .	6	1,500	0	0	1,100	0	0
Waterford, . . . . .	1	350	0	0	350	0	0
Westmeath, . . . . .	3	1,400	0	0	840	0	0
Wexford, . . . . .	7	2,450	0	0	2,040	0	0
Wicklow, . . . . .	2	300	0	0	300	0	0
	75	35,525	0	0	31,635	0	0

Of the remaining loans sanctioned for labourers' dwellings, 44, amounting to £42,475, are in progress (under which £31,730 has been issued), and 15 loans, amounting to £2,455, have not been proceeded with.

In Appendix B we give extracts from the reports of our Inspectors, and in Appendix C a statement of the loans under which works are in progress, with the amounts and dates of the last orders for issue.

*Landlord and Tenant Act, 1870.*

## LANDLORD AND TENANT ACT, 1870.

33 and 34 Vic., c. 46.

Since our last Report this Act has come into operation, and we have endeavoured to give the best attention to the provisions under which the Board are empowered to make advances.

With legal advice and assistance we have prepared forms of application for loans under the 42nd, 43rd, 44th, 45th, and 47th Sections of the Act.

(46th Sec.)

Many applications, both verbally and by letter, have been received from parties desirous of information as to the powers of the Board and the mode of proceeding. Up to the 31st March in this year, 20 formal applications for advances towards the purchase of tenants' holdings were received, and in 7 cases the sums allocated by the Board have been advanced, amounting altogether to £10,720. The tenants in these cases have, by virtue of the provisions of the Act, been placed in absolute possession of their holdings; the total amount contributed by them being £6,640, and the extent of land purchased 981 acres.

Orders charging the lands with the repayment in 35 years of the sums borrowed

have been made by the Landed Estates Court in the several cases specified in the following schedule:—

*Landed  
and Tenant  
Act, 1870.*

Name of Tenant Purchaser.	Amount of Loan.	Amount of Annuity.	Date of Charging Order.	Date of Commencement of Annuity.
Richard Walsh, . . .	£ 750	£ s. d. 37 10 0	15 Feb., 1871.	23 Nov., 1870.
Mark Delany, . . .	1,000	80 0 0	23 Jan., 1871.	26 Nov., 1870.
Edward Delany, . . .	1,500	75 0 0	23 Jan., 1871.	28 Nov., 1870.
John Flynn, . . .	1,070	53 10 0	12 Dec., 1870.	23 Nov., 1870.
Joseph Gargan, . . .	4,700	235 0 0	17 Feb., 1871.	8 Dec., 1870.
Samuel Graham, . . .	600	25 0 0	11 Feb., 1871.	23 Dec., 1870.
William Brady, . . .	600	30 0 0	28 April, 1871.	12 Nov., 1870.
Totals, . . .	10,720	536 0 0		

Applications for loans of this description are on the increase, many having been received since the close of the financial year, the results of which we shall be enabled to state in our Report for 1871-72.

### ARTERIAL OR RIVER DRAINAGE.

*Drainage  
and Im-  
provement  
of Lands.*

The Board's duties in connexion with the works of Arterial Drainage, with Improvements of Navigation and Water-power, under the original Acts, viz. the 5 & 6 Vic., cap. 69; 8 & 9 Vic., cap. 69; 9 Vic., cap. 4; 10 & 11 Vic., cap. 79; 16 & 17 Vic., cap. 130; 18 & 19 Vic., cap. 110; 19 & 20 Vic., cap. 62; 20 & 21 Vic., cap. 23; and 21 & 22 Vic., cap. 41, have been confined during the past year, as they have been since 1861, to determining, on the application of proprietors, the amount of increased rent to be paid by tenants holding under leases in respect of the benefit derived by them from improvements in their holdings, resulting from the Drainage operations, and to giving information, assistance, and advice to the Trustees of Districts, on such points connected with their trusts as they might request, and which we have felt it within our province to give, all executive operations having been long since brought to a close.

No change has taken place in regard to the Board's responsibility in respect of the Clonsilla Slob-lands.

The whole expenditure charged against the different undertakings commenced under the Arterial Drainage Acts, including £70,201 for works chargeable to counties, amounted at the end of March, 1871, to £2,391,791 3s. 10d.; and the repayments in respect thereof amounted to £1,066,161 8s. 9d.

#### *Drainage and Improvement of Lands (Ireland) Act, 1863, and Amendments thereof.*

26 & 27 Vic., c. 65; 27 & 28 Vic., c. 72; 28 & 29 Vic., c. 52; and 32 & 33 Vic., c. 72.

*Arterial  
Drainage.*

Applications for three new Drainage districts have been received since our last Annual Report, namely:—

The Baltracree, county Kildare.

The Lough Erne, counties Fermanagh, Cavan, and Donegal.

The Torrent River, county Tyrone.

The total number of districts brought before the Board since the passing of these Acts and up to the 31st March, 1871, is 31. They are as follow :—

1. Athboy, county of Meath.
2. Ballynacarrig, King's and Queen's counties.
3. Thurles, county of Tipperary.
4. Rathdowney, Queen's county.
5. Six-mile-bridge, county of Clare.
6. Kilmastulla, county of Tipperary.
7. Silver River, King's county and county of Westmeath.
8. Parsonstown, King's county and county of Tipperary.
9. Camoge, county of Limerick.
10. Elphin, county of Roscommon.
11. The Connell, county of Kildare.
12. Brickey, county of Waterford.
13. Upper Inny, counties of Cavan, Longford, Meath, and Westmeath.
14. The Quinagh, county of Carlow.
15. The Clodiagh, county of Tipperary.
16. The Island Lakes and Glare River, county of Mayo.
17. Lough Oughter and River Erne, county of Cavan.
18. Benmac Lake and Ballyvaughan River, county of Mayo.
19. The Gully, Queen's county.
20. The Doohyle, county of Limerick.
21. The Ward, counties of Dublin and Meath.
22. Frankford River, King's county.
23. The Melkton, county of Limerick.
24. Danderry, county of Meath.
25. Douglas, county of Carlow.
26. Derrinslough, King's county.
27. Bodisarrig, King's county.
28. Kildare (Tully River), county of Kildare.
29. Baltracree, county Kildare.
30. Lough Erne, counties Fermanagh, Cavan, and Donegal.
31. Terrent River, county Tyrone.

Acts have been passed confirming the provisional orders of the Board constituting seventeen of those districts, viz., Athboy, Ballynacarrig, Rathdowney, Six-mile-bridge, Kilmastulla, the Silver River, the Connell, the Brickey, the Quinagh, the Parsonstown, Elphin, Clodiagh, Camoge, the Upper Inny, the Doohyle, the Gully, the Island Lakes, and Glare River, the Frankford River, and the Douglas River.

The works of the Athboy, Kilmastulla, Rathdowney, Silver River, Ballynacarrig, Connell, Brickey, Quinagh, and Sixmilebridge districts have been completed; and final awards have been made in the Athboy, Rathdowney, Ballynacarrig, Connell, Quinagh, Kilmastulla, Silver River, and Brickey districts. The works of the following districts are in course of execution :—Parsonstown, Camoge, Elphin, Clodiagh, Doohyle, Upper Inny, Gully, Island Lakes, Frankford and Douglas River.

With regard to the twelve remaining districts, the Thurles was abandoned by the petitioners; the proceedings in the Lough Oughter and River Erne district have been renewed; Derrinslough and Baltracree are before Parliament for a Confirmatory Act; and the other eight districts are passing through the stages required by the Acts previous to provisional orders constituting them being made.

The Lough Erne district is the most important which has yet been brought before the Board, under the recent Drainage Acts, being much the largest as to the area of the flooded lands, and also being connected with the navigation of the lakes and the canals which join it.

The proceedings with regard to this district are at present in abeyance. The inquiry by the Inspector appointed by the Board, has been held, and a copy of his report was furnished to the petitioners on the 10th November, 1870. The taking of the next further proceedings rests with the petitioners. It has been intimated to the Board that other proprietors interested in the question intend to bring forward a different project for the drainage of this district.

The total area of land to be improved in the Thirty districts which have been, or are being, proceeded with is 73,949 statute acres, and the estimated cost of the works £324,507.

The Loans sanctioned by your Lordships under these Acts amount to £180,008. The advances on account thereof amount to £99,379, and the repayments from districts in respect of which awards have been made amount to £3,798 11s. 3d.

#### *Drainage Maintenance Act, 1866.*

29 & 30 Vic., cap. 49.

An application under the provisions of this Act, for the necessary works of maintenance in the Templemore district, county Tipperary, having been received during the year, the notice required by the Act was issued, but as the Trustees have determined to put the works in order, no further steps have been taken.

The works of the Moyour and Saleen Lough districts, in the county of Mayo, are in progress, and arrangements are being made for carrying out the works required for the maintenance of the Boyne district during the summer of this year.



## HARBOURS.

*Harbours.**Kingstown Harbour, County Dublin.*

During the past year the Piers, Jetties, Wharfs, Buildings, Fences, Roads, Lamps, and Sewers, and all works connected with the Harbour, have been maintained in good order.

The damage done by the storm of February, 1870, has been partly made good. The steam Dredger has been at work in deepening the Harbour, and a steam crane has been erected for loading the dredged material.

The following is a return of the Vessels that have used the Harbour during the last year, 1870—Mail and Passenger Steamers and Yachts excepted:—

	Numbers.	Tonnage.
Sailing Vessels, to and from the port of Dublin, waiting wind or tide, . . . . .	469	111,057
Steamers, waiting tide, . . . . .	19	8,234
From English, Irish, Scotch, and Foreign ports, to Irish ports, . . . . .	276	21,587
From English, Scotch, and Foreign ports, to English and Scotch ports, . . . . .	156	17,315
From Irish ports to English, Scotch and Foreign ports, . . . . .	192	12,197
From English and Scotch ports to Foreign ports, . . . . .	40	8,300
For Orders, . . . . .	5	1,028
To Kingstown, . . . . .	260	52,438
Men-of-War, H. M. Troop Steamers, &c., . . . . .	21	—
Total, . . . . .	1,738	236,976
In the previous year the numbers were, . . . . .	1,787	251,841

(See Appendix D.)

*Donaghadee Harbour, County Down.*

This Harbour sustained considerable damage from the heavy south-easterly gales in October last. The necessary repairs are in progress.—See Appendix D.

*Dunmore Harbour, County Waterford.*

The Harbour has been maintained in good repair. An old wharf, which was an obstruction to the beaching of the smaller class of fishing boats, has been removed. The greater portion of the heavy rubble, placed at the foot of the slope of the East Pier for its protection, has from time to time been carried, by heavy gales from the south east, to the Pier Head. A considerable expenditure must shortly be made to replace this, as well as for Dredging out the Harbour, the silting up of which continues to increase.—See Appendix D.

*Hawth Harbour, County Dublin.*

All the works of this Harbour are in good order. The removal of rocks from the bed of the Harbour, for which a sum of £1,500 was voted, has been completed, and some breaches which have been made in the sea-slope of the Eastern Pier have been repaired.—See Appendix D.

## FISHERY PIERS AND HARBOURS.

*Fishery  
Piers and  
Harbours*

Acts 9 Vic., c. 3; 9 & 10 Vic., c. 75; 16 & 17 Vic., c. 136; 19 & 20 Vic., c. 37;  
29 & 30 Vic., c. 43.

Memorials were received during the year 1870-71 for new Piers at—

Ballyloughan, county Galway, and Glin, county Limerick; and for an enlargement of Annalong Harbour, in the county Down.

The Lords of the Treasury have declined to sanction a grant for Ballyloughan.

The necessary preliminary inquiries are being made in the cases of Glin and Annalong.

The works of the following Piers have been completed, the Awards made, and the Piers handed over to the counties:—

ERRISLANNON BOAT HARBOUR, near Clifden, county Galway.

BALLYCASTLE BOAT SLIP, county Antrim.

LADY ELIZABETH'S COVE, near Trillick, county Waterford.

The works of the following Piers are nearly complete, viz. :—

BANTRY, county Cork.  
KILLEEL, County Down,  
SPIDDELE, county Galway.  
LEADERSKOF, Aharneore, county Donegal.  
PORT SALON, Lough Swilly, county Donegal.  
PASSAGE EAST, county Waterford.

*Bantry Pier, County Cork.*

This work has been completed, but a settlement has since been found to have occurred at the outer end of the Pier, which the Contractor has been called upon to make good.

*Killeel Harbour, County Down.*

The works of this Harbour are complete, with the exception of the excavation of the Docks, which is being proceeded with, and the construction of a Groin at the north side of the entrance.

*Spiddle Pier, County Galway.*

The work will be completed early this summer. It has been executed in a most substantial manner, and has sustained no damage from the severe storms of last winter.

*Bancrora Pier, County Donegal.*

The preliminary steps are being taken in the matter of the proposed new Pier and approach road at Bancrora, Lough Swilly, county Donegal.

*Kilmore Pier, County Wexford.*

The repairs of this Pier have been finished, and the cost thereof certified to the Lord Lieutenant, pursuant to the 11th and 12th sections of the Act 16 and 17 Vic., cap. 136.—*See Appendix D.*

## INLAND NAVIGATIONS.

*Boyne Navigation.*

The works of this navigation have been maintained in good repair; the removal of the American weed, on this and the other navigations under the Board's charge, continues to be a source of considerable expense.

*River Maigue Navigation.*

The works are in a satisfactory state of repair.

*Shannon Navigation.*

No new works have been executed on this navigation during the past year; the various works have been kept in good repair. A sum of £770 has been provided in the estimates for the construction of fish-passes in the weirs of Jamestown, Rosaky, and Knockvair, which will be proceeded with during the present summer.

*Tyrone Navigation.*

The works of this navigation have been maintained in good repair.

*Ulster Canal.*

Possession has been obtained of the land required for increasing the area of the Storage Reservoir at Quilglough, and the necessary works for its enlargement have been commenced. When they are completed, which it is expected they will be in about a year, there will be a sufficient water supply for the Canal, and it can be opened for public traffic. All the other works of the navigation are in good repair.

## THE SEWAGE UTILIZATION ACT, 1865.

28 &amp; 29 Vic., cap. 75.

*The Sewage  
Utilization  
Act, 1865*

An application under this Act having been made during the year by the Commissioners for the Township of Clontarf for a water supply, and the necessary examination having been made, we have recommended the case to the favourable consideration of the Public Works Loan Commissioners.

## BRIDGES.

*Bridges.**Wellsey Bridge, Limerick.*

This Bridge, which although vested in the Commissioners, by the Act 30 & 31 Vic., cap. 53 (1867), was not taken over from the lessees until 20th May, 1868, since which period we have not only maintained the bridge and paid the interest on the commuted debt of £10,000, including arrears of same from 1st July, 1866, but we have been enabled to discharge £242 17s. 3d. of the principal, up to the 31st December last.

The tolls received during the year amount to £885 10s. 8d.

## TRAMWAYS.

*Tramways.*

Acts 23 &amp; 24 Vic., c. 152, and 24 &amp; 25 Vic., c. 102.

*Foyes to Listowel.*

The Inquiry and Report required by the Acts have been made by Mr. S. U. Roberts.

## POST ROADS.

*Post Roads.*

Act 6 &amp; 7 Wm. IV., cap. 116.

On the application of the Postmaster-General, under the 61st section of the above-named Act, repairs have been executed during the past year on post roads situated in the following counties—

Clare.

Donegal.

Mayo.

These repairs have been executed under the superintendence of the respective County Surveyors, at a cost of £291 5s. 8d., repayable by Grand Jury Presentment at subsequent Assizes.

We have the honour to be

Your Lordships' obedient Servants,

J. G. M'KERLIE,

W. R. LE FANU,

*Commissioners of Public Works.*E. HOBBSY, *Secretary,**Office of Public Works, Dublin,*

15th May, 1871.



# APPENDIX.

APPENDIX A.—ACCOUNTS, . . . . .	16
"    B.—LEASED PROPERTY IMPROVEMENT, . . . . .	42
"    C.—LEASED PROPERTY IMPROVEMENT LOANS, . . . . .	48
"    D.—INLAND NAVIGATIONS AND HARBOURS, . . . . .	54

## APPENDIX A.—

(A).—ABSTRACT of the ACCOUNTS of the COMMISSIONERS of PUBLIC WORKS in IRELAND, showing the Total of

Reference to Account.	Page.	Expenditure Account.	Balance on 31st March, 1871.	Received.
			£ s. d.	£ s. d.
A 1	24	Loans, Advances, and Repayments, viz.:— Loans, 32 Geo. III., c. 55, . . . . . " 1 & 2 Wm. IV., c. 33, . . . . . " 6 & 7 Vic., c. 44, . . . . . Artificial Drainage, . . . . . Lakershire Drainage, . . . . . Land Improvement, . . . . .	1,094 15 8	391,478 10 0
A 2	24	Land Improvement, Preliminary, 10 Vic., c. 34, . . . . .	169 15 10	1,387 57 0
A 3	24	Parliamentary Vote and Grants, viz.:— 1. Public Buildings, Royal Harbours, &c., . . . . . 2. Urban Councils, . . . . . 3. Office of Public Works, . . . . . 4. Harbours, . . . . . 5. H. M. Dockyard—Extra Repairs, . . . . . 6. Civil Contingencies, . . . . .	16,167 3 6	163,636 0 8
A 4	32	District Lunatic Asylums, . . . . .	99 4 0	54,192 0 3
A 5	34	Miscellaneous Services, viz.:— 1. Deposit Accounts, 1 & 2 Wm. IV., c. 33, . . . . . 2. Railway and other Abolitions, . . . . . 3. Artificial Drainage Deposits, 30 & 37 Vic., c. 38, . . . . . 4. Maintenance of Food Goods, . . . . . 5. Piers and Harbours, . . . . . 6. Island Navigations:—Shannon, . . . . . " Boyne, . . . . . 7. Artificial Drainage Maintenance, 29 & 30 Vic., c. 49, . . . . . 8. River Drainage Works, 3 & 6 Vic., c. 39, . . . . . 9. Wellesley Bridge, . . . . . 10. Athlone Bridge, . . . . . 11. River Liffey Bridge, . . . . . 12. Maynooth College, . . . . . 13. County Accounts, . . . . .	5,718 17 4	12,731 7 6
		Total, . . . . .	20,239 12 10	559,814 2 1
A 6	36	Classified Abstract of Loans for Public Works, 1 & 2 Wm. IV., c. 33; and 6 & 7 Vic., c. 44.		
A 7	39	Statement of open Loan Accounts, 1 & 2 Wm. IV., c. 33; and 6 & 7 Vic., c. 44.		
A 8	40	Statement of Food Awards under Artificial Drainage Act, with Repayments thereon, to the 31st March, 1871.		

Office of Public Works, Dublin, 1st May, 1871.



(A 1).—An Account, showing the Receipts and Expenditure of the  
PUBLIC LOANS.

	£	s.	d.	£	s.	d.	£	s.	d.
To Balance, 31st March, 1870,	—	—	—	—	—	—	1,094	15	8
LOANS ADVANCES.									
Public Works, G & 7 Vic., & 44.— Amount received from Commissioners of National Debt,	—	—	—	32,727	5	0			
Land Improvement, 10 Vic., & 32, & 41.— Amount issued from Consolidated Fund,	—	—	—	80,000	0	0			
Land Act, 33 & 34 Vic., & 40.— Amount issued from Consolidated Fund,	—	—	—	11,000	0	0			
Total issued for Loans,							123,727	5	0
LOANS REPAYMENTS.									
1. Public Works Loans:— Amounts received under the following Acts, viz:— Loans, 37 Geo. III., & 34, Loans, 1 & 2 Wm. IV., & 33, Loans, G & 7 Vic., & 44,				180	0	0			
				1,760	18	7			
				5,589	2	9			
				7,529	17	4			
2. Arterial Drainage:— Amount received from Proprietors for Drainage Works,	—	—	—	48,618	11	10			
3. Labouchere Drainage:— Amount received from Proprietors,	—	—	—	10,242	4	6			
4. Land Improvement:— Amount received from Proprietors, Other receipts,	111,368	4	6	10	7	4	111,378	11	10
							177,749	5	6
							302,671	6	2

Office of Public Works, Dublin, 1st May, 1871.

## (A 2).—LAND IMPROVEMENT

RECEIPTS.	£	s.	d.	£	s.	d.
Balance from last Account,	—	—	—	189	18	10
Amount received from H. M. Excisequer by way of Loan,	790	0	0			
" " from Proprietors in Repayment of Preliminary Expenses,	687	17	0			
				1,567	17	0
				£1,577	15	10

Office of Public Works, Dublin, 1st May, 1871.

## (A 3).—PARLIAMENTARY

RECEIPTS.	£	s.	d.	£	s.	d.	£	s.	d.
Balance from the last Account,	—	—	—	—	—	—	16,167	3	6
Carried forward,	—	—	—	—	—	—	16,167	3	6



Commissioners of Public Works in the Year ended 31st March, 1871.

## ADVANCES AND REPAYMENTS.

	£	s.	d.	£	s.	d.	£	s.	d.
<b>LOANS ADVANCES.</b>									
Public Works, 6 & 7 Vic., c. 44:—									
Amount advanced on Loans, viz:—									
For Public Works Loans, 1 & 2 Wm. IV., c. 33, .	4,527	0	0						
To District Drainage Boards, 26 & 27 Vic., c. 83, .	25,550	0	0						
For Drainage Maintenance, 29 & 30 Vic., c. 49, .	150	0	0						
For Piers and Harbours, 9 Vic., c. 3, &c., .	1,700	5	0						
For Labourers' Dwellings, 29 & 30 Vic., c. 44, .	500	0	0						
						32,727	5	0	
Land Improvement, 10 Vic., c. 32, &c.:—									
Paid to Proprietors on account of Loans, .	—					77,980	0	0	
Land Act, 33 & 34 Vic., c. 46:—									
Paid to Proprietors on account of Loans, .	—					10,750	0	0	
Total paid to Borrowers, .									121,427 5 0
<b>LOANS REPAYMENTS.</b>									
1. Public Works Loans:—									
Amounts transferred to H. M. Exchequer, viz:—									
Loans, 37 Geo. III., c. 34, .	180	0	0						
Loans, 1 & 2 Wm. IV., c. 33, .	1,760	14	7						
Loans, 6 & 7 Vic., c. 44, .	5,589	2	9			7,529	17	4	
2. Arterial Drainage:—									
Amount transferred to H. M. Exchequer, viz:—									
Drainage Works, 5 & 6 Vic., c. 39, .	45,023	18	0						
Maintenance Works, 29 & 30 Vic., c. 49, .	118	14	10						
Drainage Works by Local Boards, 26 & 27 Vic., c. 83, .	2,875	19	0						
						*48,016	11	10	
3. Labourers' Drainage:—									
Amount transferred to H. M. Exchequer, .	—					10,249	4	6	
4. Land Improvement:—									
Amount transferred to H. M. Exchequer, .	111,348	4	6						
Other payments, .	10	7	4			111,358	11	10	
By Balance carried to next account, .	—								177,749 5 6
									3,394 15 6
									303,871 6 2

\* See details under districts, pp. 26 to 41.

W. B. SOADY, Accountant.

## PRELIMINARIES, 1870-71.

EXPENDITURE.	£	s.	d.	£	s.	d.
Amount paid to Exchequer in Repayment of Advances, .	728	0	7			
" paid for Preliminary Investigations, Advertising, Stationery, &c., .	420	13	11			
Balance carried to next Account, .	—					
						1,348 14 6
						429 1 4
						41,577 15 10

W. B. SOADY, Accountant.

## VOTES AND GRANTS.

EXPENDITURE.	£	s.	d.	£	s.	d.	£	s.	d.
Amount of Unexpended Balances on Parliamentary Votes, 1870-71, surrendered to H. M. Exchequer, viz:—									
Public Buildings, .	—			12,541	9	9			
Water Course, .	—			2,170	9	5			
Salaries and Incidentals of Office, .	—			960	1	10			
									15,671 7 0
Carried forward, .	—			—					15,671 7 0

D

## An Account showing the Receipt and Expenditure of the Commissioners

(A 3.)—PARLIAMENTARY

RECEIPT—continued.		£	s.	d.	£	s.	d.	£	s.	d.
Brought forward,		—			—			14,167 3 6		
1. FUNDS RECEIVED, IRELAND (Class L, Vote 35).										
Vote for the year 1870-71,		—			147,542 0 0					
NEW WORKS AND AMPLIFICATIONS:—										
Contributions in aid of National Schools,		130 8 2								
Relinquishments,		1 10 0								

of PUBLIC WORKS, in the Year ended 31st March, 1871.

## VOTES AND GRANTS—continued.

EXPENDITURE—continued.		£	s.	d.	£	s.	d.	£	s.	d.
Brought forward, . . . . .		—			—			15,671 7 0		
1. PUBLIC BUILDINGS, IRELAND (Class I., Vote 23).										
NEW WORKS AND ALTERATIONS:—										
Coast Guard Stations, . . . . .		13,854	8	0						
Royal Hospital, . . . . .		261	19	2						
Post Office Buildings, . . . . .		7,328	14	8						
Viceregal Lodge, . . . . .		69	8	2						
Law Courts, Offices, &c., . . . . .		382	13	10						
Metropolitan Police Buildings, . . . . .		1,504	2	8						
Royal Irish Constabulary Buildings, including Depôt Barracks, Phoenix Park, . . . . .		5,147	18	8						
Coarvet Prison, Spike Island, . . . . .		227	4	0						
Royal Dublin Society, Hesse, &c., Kildare-street, . . . . .		321	11	11						
National Education Buildings:—										
District Model Schools, . . . . .	£100	0	0							
Model Agricultural Schools, . . . . .	242	7	4							
Ordinary Literary Schools, . . . . .	10,244	9	9							
		11,586	17	1						
Queen's Colleges:—										
Cork, . . . . .	£192	18	8							
Galway, . . . . .	54	4	0							
		247	2	8						
Chief Secretary's Office, Dublin Castle, . . . . .		81	16	10						
Geological Survey Office, . . . . .		132	13	8						
General Registry and Census Office:—										
Purchase of Clarendon House, . . . . .	£5,000	0	0							
Stamps on Certificates, &c., . . . . .	27	2	7							
Alterations, &c., . . . . .	247	4	0							
		5,274	6	7						
		47,320	14	9						
MAINTENANCE AND REPAIRS:—										
Coast Guard Stations, . . . . .		4,124	17	6						
Royal Hibernian Military School, . . . . .		1,322	18	2						
Royal Hospital, Edinburgh, . . . . .		2,132	18	0						
Inspector-General of Mills, Office, . . . . .		8	18	4						
Courthouse Buildings throughout Ireland, . . . . .		1,467	16	11						
Island Revenue Buildings, . . . . .		178	10	4						
Post Office Buildings, . . . . .		981	17	2						
Dublin Castle—Residences, &c., . . . . .		2,445	8	4						
Viceregal and other Lodges, Gardens, &c., Phoenix Park, . . . . .		4,022	10	3						
Law Courts and Offices, Dublin, . . . . .		4,002	18	3						
Peer Courts' Marshalling, . . . . .		150	10	9						
King's Inns Office, &c., . . . . .		127	8	3						
District Probate Registry Offices, . . . . .		54	17	9						
Metropolitan Police Courts and Stations, . . . . .		1,910	12	2						
Royal Irish Constabulary Buildings, including the Depôt Barracks, Phoenix Park, . . . . .		1,823	17	10						
Coarvet Prison, . . . . .		2,218	13	8						
Central Criminal Lunatic Asylum, Dendrum, . . . . .		803	12	8						
Royal Dublin Society, Hesse, &c., Kildare-street, and Botanic Gardens, Glasnevin, . . . . .		1,134	10	9						
Royal College of Surgeons, . . . . .		484	13	8						
National Education Buildings:—										
Metropolitan Establishments, . . . . .	£1,331	15	7							
Model Agricultural Schools and Albert Model Farm, Glasnevin, . . . . .	1,683	7	0							
District and Minor Model Schools, . . . . .	1,627	4	8							
Ordinary Literary Schools, . . . . .	1,819	8	2							
		6,687	8	3						
Royal Irish Academy, . . . . .		267	10	8						
National Gallery of Ireland, . . . . .		204	7	8						
Carried forward, . . . . .		56,486	13	8				47,320	14	9
								15,671	7	0



of PUBLIC WORKS, in the Year ended 31st March, 1871.

## VOTES AND GRANTS—continued.

EXPENDITURE—continued.		£	s.	d.	£	s.	d.	£	s.	d.
1. PUBLIC BUILDINGS—Brought forward, . . . .		—			47,320	14	9	15,671	7	0
MAINTENANCE AND REPAIRS—continued, . . . .		34,686	12	5						
Irishtown Church, . . . .			12	7	0					
Queen's Colleges—Belfast, Cork, and Galway, . . . .			1,145	8	1					
Public Offices in Dublin, . . . .			3,298	19	2					
					41,143	4	8			
RENT OF FURNITURE, . . . .		—			3,729	17	2			
RATES, TAXES, AND INSURANCE, . . . .		—			1,720	3	4			
FURNITURE:—										
Royal Hibernian Military School, . . . .			232	14	9					
Royal Hospital, Kildersham, . . . .			892	14	0					
Customs Buildings throughout Ireland, . . . .			240	6	2					
Island Revenue Buildings, . . . .			303	8	6					
Post Office Buildings, . . . .			180	3	3					
Dublin Castle, Residence, &c., . . . .			1,421	10	0					
Viceregal and other Lodges, Phoenix Park, . . . .			256	4	9					
Law Courts and Offices, Dublin, . . . .			1,025	13	4					
Four Courts Marshalsea, . . . .			88	16	7					
King's Inns Office, &c., . . . .			56	11	3					
District Probate Registry Office, . . . .			43	6	10					
Metropolitan Police Courts and Stations, . . . .			1,218	15	5					
Royal Irish Constabulary Buildings, including the Depot										
Barracks, Phoenix Park, . . . .			106	1	3					
Convict Prisons, . . . .			200	19	3					
Central Criminal Lunatic Asylum, Dandridge, . . . .			289	14	9					
Royal Dublin Society, House in Kildare-street, &c., . . . .			437	0	8					
Royal College of Science, . . . .			311	14	11					
National Education Buildings:—										
Metropolitan Establishments, . . . .		£542	12	6						
Model Agricultural Schools, and Albert										
Model Farm, Glasnevin, . . . .		283	0	10						
District and Minor Model Schools, . . . .		530	11	1						
					11,861	4	5			
Queen's Colleges—Belfast, Cork, and Galway, . . . .			557	19	7					
Royal Irish Academy, . . . .			359	6	8					
National Gallery of Ireland, . . . .			29	13	11					
Public Offices in Dublin, . . . .			11,864	16	9					
					12,865	12	1			
FUEL AND LIGHT:—										
Supply to Public Departments in Dublin, and Customs										
Buildings, District Model Schools, Convict Prisons,										
District Registry Office, &c., throughout Ireland, . . . .		—			17,626	15	6			
INCIDENTAL EXPENSES, ALLOWANCES TO OVERSEERS, &c., . . . .		—			862	7	11			
PHOENIX PARK:—										
Maintenance of Gate Lodges, Roads, Deer Park, New										
Flower Garden, &c., . . . .		4,567	16	11						
Salaries of Bailiff, Deerkeeper, Gate-keepers, Constables, &c.,		945	14	5						
Incidental expenses, including attendance of Police, Gun-										
Hunts, &c., . . . .		345	0	2						
					5,841	11	6			
THE CURAGE OF KILDARE:—										
Salary and Allowance to the Deputy Ranger, . . . .		335	8	0						
Salaries of Bailiffs, . . . .		122	8	0						
Labour and Incidental Expenses, including Law Costs and										
Clothing for Bailiffs, . . . .		95	4	4						
					554	0	4			
HARBOURS AND ISLAND WATER NAVIGATION:—										
Kingstown Harbour:—										
Salaries of Harbour Master, Superintendent,										
&c., . . . .		2461	12	9						
Boatmen, Watchmen, &c., . . . .		589	13	2						
Incidents and Contingencies, including										
Gaslight, &c., . . . .		231	14	0						
Carried forward, . . . .		£1,253	5	11	—			151,781	9	3
								15,671	7	0



of Public Works, in the Year ended 31st March, 1871.

## VOTES AND GRANTS—continued.

EXPENDITURE—continued.		£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
1. PUBLIC BUILDINGS—Brought Forward,		—	—	—	—	—	—	131,731	9	3	13,671	7	0
HARBOURS AND IRLAND WATER NAVIGATION													
—continued,		1,363	5	11									
Rates and Taxes, . . . . .			9	15	9								
Maintenance, General Repairs, Materials,													
Works at Mill Pocket Pier, &c., . . . . .		3,149	19	2									
Wrought Iron Barge, Harbour Boat,													
Cranes, &c., . . . . .		928	2	5									
Dredging Works, . . . . .		1,890	13	0									
								7,831	16	9			
Donaghadee Harbour :—													
Labour, Materials, Incidents, &c., . . . . .		327	17	1									
Salary of Harbour Master, &c., . . . . .		24	10	0				352	7	1			
Dunmore Harbour :—													
Labour, Materials, Incidents, &c., . . . . .		187	10	2									
Lighters and Post Cranes, Implements, &c., . . . . .		371	15	10									
Salaries of Harbour Master and Clerk of													
Works, . . . . .		55	15	0				616	1	0			
Hewth Harbour, (Improvements) :—													
Labour, Materials, Incidents, &c., . . . . .								377	4	9			
								3,577	9	7			
Tyne Navigation :—													
Labour, Materials, Incidents,													
&c., . . . . .		2,293	4	9									
Salaries of Superintendent,													
Collector, Lockkeepers, &c., . . . . .		175	4	8									
								370	9	5			
Malaga Navigation :—													
Salary of Collector and Incidental Ex-													
penses, . . . . .		35	8	3				414	14	8			
Transferred to "Miscellaneous Services":—													
Grants in aid of Fishery Piers, viz :—													
Ballycotton, . . . . .					145	6	11						
Breilance, . . . . .					54	15	0						
Kilkeel, . . . . .					2,520	0	0						
Lady Rimbark's Cove, . . . . .					239	11	3						
Leaigurow, . . . . .					1	10	0						
Passage East, . . . . .					585	0	0						
Port Saloon, . . . . .					500	0	0						
Spiddal, . . . . .					688	0	0						
								4,737	3	4			
2. ULSTER CANAL (Class I., Vote 27) :—								13,729	7	7			
Labour, Materials, Incidents, &c., . . . . .								1,032	0	2	145,510	16	10
Rent and Taxes, . . . . .								19	4	9			
Salaries, . . . . .								309	11	0			
Purchase of Lands taken for the enlargement of the													
Quilkeagh Reservoir, . . . . .					5,090	6	3						
Law Costs, Expenses of Arbitration, Valuation, &c., . . . . .					262	19	6						
								2,303	5	9			
											3,654	1	8
3. OFFICE OF PUBLIC WORKS, IRELAND (Class II., Vote 41) :—													
Salaries, . . . . .								25,059	7	3			
Travelling Expenses, &c., . . . . .								2,814	6	4			
Incidental Expenses, . . . . .								470	4	3			
											26,323	17	10
4. HOWTH HARBOUR (Maintenance) :—													
Labour, Materials, Incidents, &c., . . . . .								825	19	8			
Salaries of Harbour Master and Assistant, . . . . .								64	19	7			
											887	19	3
Carried forward,											192,078	2	7

## AN ACCOUNT showing the RECEIPT and EXPENDITURE of the COMMISSIONERS

## (A 3).—PARLIAMENTARY

RECEIPT—continued	£ s. d.	£ s. d.	£ s. d.
Brought forward, . . . . .	—	—	196,302 8 5
A. H. M. REVENUE—RECEIPTS :—			
Public Buildings :—			
Rents, . . . . .	183 2 7		
Sale of Materials, . . . . .	39 7 4		
Transfer from "Miscellaneous Services"—Unexpended Balance, Office Staff, . . . . .	10 12 0		
		338 1 11	
Phoenix Park :—			
Grazing Rents, . . . . .	777 0 10		
Sale of Deer, Skins, &c., . . . . .	61 12 0		
		838 12 10	
Kingsdown Harbour :—			
Deer, . . . . .	2,196 1 5		
Rents, . . . . .	263 12 7		
Sale of Materials, . . . . .	1 5 7		
		2,460 19 7	
Dunmore Harbour :—			
Deer, . . . . .	17 9 7		
Rents, . . . . .	27 0 8		
		44 10 3	
Doughlaheen Harbour :—			
Rents, . . . . .	—	8 6 0	
Tyrone Navigation :—			
Rents, . . . . .	48 4 3		
Tolls, . . . . .	205 15 1		
Sale of Weeds, . . . . .	0 12 6		
		254 11 10	
Malaga Navigation :—			
Tolls, . . . . .	—	7 13 7	
Incidents of Office :—			
Law Costs recovered, &c., . . . . .	—	47 19 9	
			3,900 15 9
B. OTHER CONTRIBUTIONS :—			
Received from H. M. Paymaster-General, . . . . .	—	—	5,000 0 0
			395,303 4 2

Office of Public Works, Dublin, 1st May, 1871.

## (A 4).—LUNATIC

## AN ACCOUNT showing the RECEIPTS and EXPENDITURE of the COMMISSIONERS of PUBLIC WORKS in IRELAND (on 1871, pursuant to Act 1 &amp; 2

RECEIPTS.	£ s. d.	£ s. d.	£ s. d.
Balance from the last Account, . . . . .	—	—	69 4 6
Amounts issued from the Consolidated Fund on account of loans to the following District Asylums :—			
Bellinakeel, . . . . .	4,000 0 0		
Belfast, . . . . .	3,000 0 0		
Carlow, . . . . .	1,000 0 0		
Carr, . . . . .	3,000 0 0		
Glenties, . . . . .	1,000 0 0		
Down, . . . . .	4,177 6 5		
Mullingar, . . . . .	800 0 0		
Omagh, . . . . .	5,000 0 0		
Ridgeway, . . . . .	10,000 0 0		
Wexford, . . . . .	1,000 0 0		
		24,077 6 5	
Extra Receipts :—			
Grave—Moiety of Arbitration Fees received from Contractor, . . . . .	15 0 0		
Waterford—Reliefment, . . . . .	100 0 0		
		115 0 0	
			24,192 6 5
			24,261 10 11

Office of Public Works, Dublin, 1st May, 1871.



of PUBLIC WORKS, in the Year ended 31st March, 1871.

## VOTES AND GRANTS—continued.

EXPENDITURE—continued.	£	s.	d.	£	s.	d.	£	s.	d.
Brought forward, . . . . .	—	—	—	—	—	—	112,078	2	7
5. H. M. Establishments—EXTRA RECEIPTS:—									
Public Buildings:—									
Incidental Expenses (on Sale of Materials), . . . . .	1	11	0		1	11	0		
Phoenix Park:—									
Tithe Benches, . . . . .	78	6	11						
Advertisements (Grazing), . . . . .	0	18	9						
Grazing-reat refunded, . . . . .	16	0	0						
Kingsdown Harbour:—					94	5	8		
Ballast supplied, . . . . .	395	6	8				298	4	8
					494	2	4		
Transferred to H. M. Establishments, . . . . .	—	—	—		3,247	3	1		
6. Civil Establishments:—							3,741	6	5
Repayments, . . . . .	—	—	—				5,003	0	0
Balance, . . . . .	—	—	—				4,283	18	2
							205,593	4	2

W. B. SOANE, Accountant.

## ASYLUMS' BUILDINGS.

Account of the Commissioners for the Control, &amp;c., of Lunatic Asylums, during the year ended 31st March, Geo. IV., c. 33, &amp;c., &amp;c.

EXPENDITURE.	£	s.	d.	£	s.	d.	£	s.	d.
Amounts expended on the following Buildings, viz:—									
Bellinakee, . . . . .				2,504	14	6			
Belfast, . . . . .				2,057	14	4			
Carlisle, . . . . .				1,743	6	10			
Clare, . . . . .				2,168	18	6			
Closter, . . . . .				1,124	12	4			
Cork, . . . . .				314	8	6			
Down, . . . . .				60	10	3			
Droghda, . . . . .				1,631	0	6			
Kilkenny, . . . . .				78	10	6			
Mayo, . . . . .				59	6	10			
Monaghan, . . . . .				37	14	6			
Mullingar, . . . . .				1,811	9	1			
Omagh, . . . . .				6,424	18	9			
Richmond, . . . . .				10,891	27	7			
Waterford, . . . . .				641	16	4			
Wexford, . . . . .				1,084	11	3			
Repayments to H.M.'s Establishments, . . . . .							29,415	10	10
Balance, . . . . .							196	7	11
							1,650	12	2
							24,961	10	11

W. B. SOANE, Accountant.

E

AN ACCOUNT showing the RECEIPT and EXPENDITURE of the COMMISSIONERS

(A 5.)—MISCELLANEOUS

RECEIPT.		£	s.	d.	£	s.	d.	£	s.	d.
Balance from last Account,		—	—	—	—	—	—	3,718	17	4
1. DEFECTY REPAIRS FOR PARLIAMENTARY EXPENSES, 1 & 2 Wm. IV., c. 53, &c. :—										
County Antrim,		—		—	40	0	0			
County Carlow,		—		—	2	4	0			
County Down,		—		—	5	0	0			
								47	4	0
2. RAILWAY AND OTHER ARBITRATION EXPENSES, Act 14 & 15 Vic., c. 79 :—										
Amount received from the following Railway Companies and others to meet Expenses of Arbitration :—										
Navan and Kingscourt,		—		—	186	3	0			
Dublin, Wicklow, and Wexford,		—		—	3	12	0			
Cork Corporation,		—		—	7	1	6			
Ferry and Lismore,		—		—	6	12	7			
Paynes, Lisowal, and Tralee,		—		—	25	0	0			
Cork and Passage,		—		—	30	0	0			
Sligo Borough,		—		—	100	0	0			
Enniskillen Water Works,		—		—	60	0	0			
								363	9	1
3. ANNUAL DRAINAGE DEPOSIT ACCOUNTS, Act 26 & 27 Vic., c. 83, &c. :—										
Received from Drainage Boards on Account of Preliminary Expenses, Arbitrations, Cost of Awards, &c., viz. :—										
Godalming,		—		—	41	9	4			
Duckie,		—		—	42	2	2			
Maffiac,		—		—	3	10	6			
Leigh Ogilvie,		—		—	40	0	0			
Dunderry,		—		—	2	2	0			
Upper Liffey,		—		—	62	15	0			
Elphin,		—		—	40	18	4			
Ballymore,		—		—	44	0	0			
Leigh Erre,		—		—	120	0	0			
Kilmore,		—		—	35	10	0			
Silver River,		—		—	10	0	0			
								448	7	10
4. MAINTENANCE OF FOOT ROADS, 6 & 7 Wm. IV., c. 116 :—										
Amount received in repayment of advances made for repairs, viz. :—										
County Donegal,		—		—	85	5	0			
County Kildare,		—		—	91	0	11			
								176	5	11
5. FERRY AND HARBOUR, per Act 9 Vic., c. 8 :—										
Ballyvaughan—Grant in Aid,		145	5	11						
County Contribution, &c.,		50	7	3						
Droghda—Loan from Public Works Loan Fund,		—		—	135	14	2			
Spilth—Loan from Public Works Loan Fund,		632	0	0	600	0	0			
Grant in Aid,		638	0	0						
Sale of House,		3	0	0						
Kilree—Loan from Public Works Loan Fund,		300	0	0	1,313	0	0			
Grant in Aid,		2,390	0	0						
Lady Elizabeth—Loan from Public Works Loan Fund,		110	0	0	2,820	0	0			
Grant in Aid,		309	11	5						
Sale of Plant,		1	10	0						
Passage East—Grant in Aid,		—		—	421	1	5			
					588	0	0			
Carried forward,					5,637	15	7	4,759	4	2

of Public Works, in the Year ended 31st March, 1871.

## SERVICES.

EXPENDITURE	£	s.	d.	£	s.	d.	£	s.	d.
1. DEPOSIT ACCOUNTS, 1 & 2 Wm. IV., c. 35, &c. :- Paid Cost of Inspections, Law Costs, &c., . . . . . Balance Refused, County Antrim, . . . . .	—	—	—	30	4	0	130	2	6
							150	6	6
2. RAILWAY AND OTHER ARBITRATION EXPENSES, 14 & 15 Vic., c. 79 :- Amounts paid to Valuers, &c. :- Waterford, New Ross, and Wexford Railway, . . . . . Narrow and Kingscourt Railway . . . . . Dublin, Wicklow, and Wexford Railway, . . . . . Cork Corporation, . . . . . Ferry and Lanesboro Railway . . . . . Foyens, Lisawad, and Trolan Railway, . . . . . Sligo Borough Improvement, . . . . .	—	—	—	13	18	0	126	3	0
				363	12	0	61	14	0
				106	12	7	22	7	0
				23	2	6	473	9	1
3. ARTERIAL DRAINAGE DEPOSITS, 26 & 27 Vic., c. 83, &c. :- Paid for Preliminary Expenses, Arbitrations, &c. :- Bekley, . . . . . Clonagh, . . . . . Doohyla, . . . . . Ballynacarrigg, . . . . . Rathdowney, . . . . . Mulkear, . . . . . Dunderry, . . . . . Connell, . . . . . Upper Lany, . . . . . Droghda, . . . . . Rathstalla, . . . . . Derrinbough, . . . . . Boolinacrigg, . . . . . Ballynacry, . . . . . Lough Erne, . . . . . Kilmore, . . . . . Silver River, . . . . .	—	—	—	18	0	6	41	9	4
				46	16	4	6	0	10
				6	4	2	3	10	0
				3	2	0	0	10	6
				63	15	6	42	1	1
				28	19	0	19	16	11
				21	18	10	36	8	8
				76	8	2	25	10	0
				10	0	0	448	12	4
4. MAINTENANCE OF POST ROADS, 6 & 7 Wm. IV., c. 116 :- Repaid to Her Majesty's Exchequer, . . . . . Amount expended for Repairs of Post Roads, viz. :- County Donegal, . . . . . " Mayo, . . . . . " Clare, . . . . .	—	—	—	175	10	11	25	0	1
				142	10	0	128	15	7
							496	16	7
5. PIERES AND HARBOURS, 9 Vic., c. 3 :- Amount expended on the following Works, viz. :- Ballycastle, . . . . . Bantry, . . . . . CHIEF, . . . . . Spiddal, . . . . . Kilkeel, . . . . . Lady Elizabeth's Cove, . . . . . Passage East, . . . . . Burlington, . . . . . Buncrana, . . . . . Port Salas, . . . . .	—	—	—	208	18	11	773	15	8
				10	13	0	1,335	3	10
				2,789	0	10	264	2	4
				617	8	0	64	11	9
				3	18	2	784	2	7
				6,891	18	10			
Carried forward, . . . . .				6,891	18	10	1,338	4	6

AN ACCOUNT showing the RECEIPT and EXPENDITURE of the COMMISSIONERS

(A 5.)—MISCELLANEOUS

RECEIPT.		£	s.	d.	£	s.	d.	£	s.	d.
Brought forward, . . . . .		—			5,937			15 7		
5. PIER AND HARBOUR, &c.—continued.								4,729		
Entrance—Loan from Public Works Loan Fund, . . . . .		68			5 0					
"    Grant in Aid, . . . . .		54			15 0					
"    Sale of Plant, . . . . .		29			3 10			152		
Port Salvo—Grant in Aid, . . . . .		—			—			302		
Longshore—do, . . . . .		—			—			1 10 0		
								6,391		
Receipts per Act 16 & 17 Vic., c. 135:—										
Entrance—Her Majesty's Exchequer, . . . . .	£400 0 0									
"    Sale of Plant, . . . . .	2 14 6									
		402			14 6					
Belinlet Canal—repaid by County Mayo, . . . . .		440			10 6			813		
								813		
6. INLAND NAVIGATIONS:—								7,434		
Shannon Navigation:—										
Rents, . . . . .		1,345			0 1					
Tolls, . . . . .		1,344			2 5					
Sales, &c., . . . . .		104			17 10			2,791		
								2,791		
Boyne Navigation:—										
Tolls, . . . . .		281			11 4			281		
								281		
								3,072		
7. ARTHUR'S DRUMMAGE MARTINACHUR, 29 & 30 Vic., c. 49:—										
Sales Drumage, Public Works Loan Fund, . . . . .		—			150			0 0		
Boys "    Lodged by C. G. Palmer, for Survey, . . . . .		—			100			0 0		
								200		
8. RIVER DRUMMAGE WORKS, 5 & 6 Vic., c. 69:—										
Sale of Gravel, . . . . .		—			—			11		
								11		
9. WELLSHURT BRIDGE:—										
Tolls, . . . . .		—			885			10 8		
								885		
10. ARTHUR'S BRIDGE:—										
Received on account of Tolls, . . . . .		—			300			0 0		
								300		
11. NEW ROSS BRIDGE:—										
12. MAYNOOTH COLLEGE:—										
13. SEVERAL ACCOUNTS:—										
Contracted Buildings, per Board of Admiralty, . . . . .		—			155			0 0		
Dividends received on Stock, . . . . .		—			85			14 3		
Board of Trade, per Paymaster-General, &c., . . . . .		—			125			15 0		
J. Young, per Landed Estates Court, . . . . .		—			20			0 0		
Kingstown Bowling Club, . . . . .		—			3			14 8		
Ordinance Survey, per Commissioners of Public Works, England, . . . . .		—			300			0 0		
								727		
								17,440		
								4 10		

Office of Public Works, Dublin, 1st May, 1871.

of PUBLIC WORKS, in the Year ended 31st March, 1871.

## SERVICES—continued.

EXPENDITURE.		£	s.	d.	£	s.	d.	£	s.	d.
Brought forward.		—			6,591 18 10			1,338 4 6		
5. PIER AND HARBOUR, &c.—continued.										
Expenditure per Act 16 & 17 Vic., c. 135:—										
Schinzel Canal, Transfer to Her Majesty's Exchequer,		578 0 0								
Kilmore, . . . . .		446 6 9								
					1,051 6 9			7,613 5 7		
6. INLAND NAVIGATIONS:—										
Shannon Navigation:—										
Maintenance and Repairs of Works, &c., . . . . .		1,512 3 10								
Salaries (including pay of Collectors, Lock-keepers, &c.) and Incidents, . . . . .		1,318 14 6			2,830 18 4					
Boyne Navigation:—										
Maintenance and Repairs of Works, &c., . . . . .		56 11 0								
Salaries of Collectors and Lock-keepers, and Incidents, . . . . .		148 0 3			304 12 0			3,035 10 4		
7. ARTERIAL DRAINAGE MAINTENANCE, 29 & 30 Vic., c. 49:—										
Saloon Drainage, . . . . .		—			159 10 10					
Boyne " . . . . .		—			160 10 0					
Moyar " . . . . .		—			10 12 7			379 13 5		
8. RIVER DRAINAGE WORKS, 5 & 6 Vic., c. 89:—										
Wages, Poor Rate, &c., . . . . .		—			—			9 6 9		
9. WELLSLET BRIDGE:—										
Maintenance and Repairs, . . . . .		—			150 8 3					
Salaries of Superintendent, Collectors, &c., . . . . .		—			115 10 0					
Wages to Bridgemen, . . . . .		—			130 0 0					
Repaid to Her Majesty's Exchequer, . . . . .		—			500 0 0			855 18 8		
10. ATHLUTRAND BRIDGE:—										
Salary and Incidents, . . . . .		—			14 13 1					
Repaid to Her Majesty's Exchequer, . . . . .		—			295 0 0			309 13 1		
11. NEW BOSS BRIDGE:—										
Contractor, . . . . .		—			220 0 0					
For use of Room, &c., . . . . .		—			2 6 0			222 6 0		
12. MATFOOTE COLLIER:—										
Paid Contractor, balance of Estimate, . . . . .		—			—			97 3 9		
13. SEVERAL ACCOUNTS:—										
Guardrail Buildings, T. Hunt, Compensation, . . . . .		—			155 0 0					
Dividends on Stock-paid Sandries, . . . . .		—			88 14 3					
Board of Trade, Sundry Payments for Rocket Sheds, &c., . . . . .		—			89 13 0					
Assess paid Crown Solicitor, . . . . .		—			30 0 0					
Kingstown Racing Club, Transfer, &c., . . . . .		—			6 13 8					
Ordinance Survey, Sundry Repairs, . . . . .		—			238 13 10			598 15 9		
Balance, carried to next Account, . . . . .		—			—			14,560 17 10		
								2,879 7 0		
								17,440 4 10		

W. R. BARRY, Accountant.

(A 6).—ABSTRACT OF LOANS made by the COMMISSIONERS of PUBLIC WORKS, under the Provisions of Act 1 & 2 Wm. IV., cap. 33, and subsequent Acts, classified under Counties and other general heads, and showing the Total Issues and Repayments to the 31st March, 1871.

COUNTY, &c.	PURPOSE OF LOAN.	Total issued.	REPAYMENTS.		Received.
			Principal.	Interest.	
		£ s. d.	£ s. d.	£ s. d.	£ s. d.
Astoria County, .	For making and improving roads, coast-houses, &c.	157,782 18 8	157,782 18 8	19,016 4 7	—
Armagh County, .	Ditto, .	5,507 10 9	5,507 10 9	564 19 10	—
Carlow County, .	Ditto, .	9,477 0 0	9,594 14 11	700 19 11	—
Carroll County, (County of the Town), .	Ditto, .	4,443 10 0	4,443 10 0	680 0 4	—
Cavan County, .	Ditto, .	37,723 8 0	37,122 15 7	5,147 17 8	—
Clare County, .	Ditto, .	17,779 11 8	17,779 11 8	1,924 6 8	—
Cork County, .	Ditto, .	4,481 15 10	4,451 15 10	338 7 11	—
Cork, County of the City, .	Ditto, .	1,600 0 0	1,600 0 0	271 11 8	—
Down County, .	Ditto, .	17,557 5 0	17,557 5 0	1,821 7 9	—
Dublin City, .	Ditto, .	15,731 17 0	15,731 17 0	871 15 8	—
Dublin County, .	Ditto, .	1,211 6 8	1,211 6 8	43 11 11	—
Dublin County, .	Ditto, .	5,538 11 1	5,588 11 1	672 4 1	—
Dumfries County, .	Ditto, .	5,050 0 0	5,050 0 0	900 14 1	—
Galway County, .	Ditto, .	32,613 7 8	31,188 3 3	1,650 9 4	—
Galway Town, .	Ditto, .	3,300 0 0	3,165 14 1	528 12 0	—
Kerry County, .	Ditto, .	76,004 9 6	76,004 9 6	8,066 8 1	—
Kildare County, .	Ditto, .	6,002 10 0	6,002 10 0	1,407 3 6	—
Kilkenny County, .	Ditto, .	51,392 11 8	50,502 7 0	4,787 2 10	—
King's County, .	Ditto, .	6,438 17 3	6,438 17 3	1,011 0 11	—
Leitrim County, .	Ditto, .	7,650 0 0	7,650 0 0	1,233 9 4	—
Limerick City, .	Ditto, .	3,031 8 8	3,031 8 8	687 1 5	—
Limerick County, .	Ditto, .	15,018 15 8	15,018 15 8	2,036 16 1	—
Longford Co., .	Ditto, .	1,250 0 0	1,250 0 0	304 10 3	—
Longford County, .	Ditto, .	4,400 1 4	4,400 1 4	920 8 8	—
Louth County, .	Ditto, .	9,510 0 0	9,510 0 0	1,377 10 3	—
Mayo County, .	Ditto, .	12,438 0 0	12,438 0 0	1,414 5 3	—
Meath County, .	Ditto, .	2,347 18 2	2,347 18 2	547 19 7	—
Queen's County, .	Ditto, .	7,653 0 0	7,653 0 0	690 0 2	—
Roscommon Co., .	Ditto, .	19,784 0 0	19,784 0 0	1,316 11 3	—
Sligo County, .	Ditto, .	8,306 0 9	8,306 0 9	1,152 8 6	—
Tipperary County, .	Ditto, .	9,929 5 11	9,929 5 11	700 0 1	—
Tyrone County, .	Ditto, .	2,300 0 0	2,300 0 0	370 4 3	—
Waterford County, .	Ditto, .	2,248 14 0	2,248 14 0	122 10 0	—
Waterford City, .	Ditto, .	1,200 0 0	1,200 0 0	75 7 5	—
Wexford County, .	Ditto, .	78,600 3 4	78,681 14 6	5,713 14 10	—
Wicklow County, .	Ditto, .	7,558 1 10	7,558 1 10	1,004 2 11	—
Wexford County, .	Ditto, .	1,065 1 8	1,065 1 8	222 12 1	—
Totals to Counties, .		648,899 11 8	604,190 10 4	75,122 1 1	—
Roads and Bridges, .	For Roads, Bridges, &c., .	43,700 0 0	36,878 8 1	14,767 9 0	2,971 11 11
Inland Navigation, .	Improving Works, &c., .	60,000 0 0	14,403 1 3	43,238 5 1	—
Public Buildings, .	Erection and completion of Works, &c., .	35,000 0 0	25,504 5 1	6,629 14 2	1,933 17 11
Railways, .	In aid of construction, &c., .	187,300 0 0	187,300 0 0	73,764 16 7	—
Miscellaneous, .	In aid of Sundry Works, .	14,590 0 0	14,590 0 0	3,043 4 8	—
Ecclesiastical Commissions, .	Proceeds to S & T Wm. 4, & 106,	100,000 0 0	100,000 0 0	43,453 11 1	—
Redemption Bills issued and afterwards re- deemed, .		3,700 0 0	3,700 0 0	561 14 7	—
Carried forward, .			942,684 1 9	262,563 16 3	
			1,212,447 18 0		

(A 6).—ABSTRACT of LOANS made by the COMMISSIONERS of PUBLIC WORKS, under the Provisions of Act 1 & 2 Wm. IV., cap. 33, and subsequent Acts, classified under Counties and other general heads and showing the Total Issues and Repayments to the 31st March, 1871.—continued.

COUNTY, &c.	PURPOSE OF LOAN.	Total Issued.	REPAYMENTS.		Remitted.
			Principal.	Interest.	
Brought forward,		£ s. d.	£ s. d.		£ s. d.
Sundry Harbours, Docks, &c.,	In aid of Construction,	189,270 0 0	174,907 16 1		68,186 3 5
Fiers and Harbours,	Act 9 Vic. c. 3, and 10 & 11 Vic. c. 75.	44,417 16 0	39,123 12 5		—
Maynooth College,	Additions and Improvements,	18,500 0 0	5,895 15 3		—
Labourers' Dwellings,	—	1,150 0 0	61 0 8		—
		1,356,305 7 8	1,432,155 2 5		73,111 15 1
Railway Works,	Act 9 Vic. c. 1,	550,849 19 11	85,328 1 3		186,078 1 10
River Drainage and Navigation in connection therewith,	Act 5 & 6 Vic. c. 89,	2,082,059 7 3	1,379,437 13 7		1,135,010 12 3
River Drainage Maintenance,	Act 29 & 30 Vic. c. 59,	1,760 19 2	340 5 9		—
River Drainage,	Act 26 & 27 Vic. c. 58,	90,379 0 0	3,938 11 8		—
		3,735,373 14 0	2,904,219 14 5		1,424,829 7 2

Office of Public Works, Dublin, 1st May, 1871.

W. R. SOANE, Accountant.

(A 7).—A STATEMENT showing ISSUES and REPAYMENTS of LOANS made by the COMMISSIONERS of PUBLIC WORKS in IRELAND, pursuant to Act 1 & 2 Wm. IV., c. 33, and 6 & 7 Vic., c. 44, within the year.

PURPOSE OF LOAN.	Issued in the Year.	REPAYMENTS within the Year.		
		Principal.	Interest.	By Annuity, including Principal and Interest.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Galway County, . . . . .	Widening Roads, &c., . . . . .	3,827 0 0	174 14 11	317 14 5
Cavan County, . . . . .	Road, Castletail to Ballynaff, . . . . .	309 0 0	109 14 1	50 2 11
Galway, County of Town, . . . . .	Do. Galway to Salsford, . . . . .	—	89 17 5	13 2 50
Galway County, . . . . .	Do. Do. to Roslifford, . . . . .	200 0 0	170 15 3	22 14 5
Kilenny County, . . . . .	Rebuilding New Ross Bridge, . . . . .	—	482 12 11	504 7 7
Wexford County, . . . . .	Do., . . . . .	—	606 1 3	545 10 1
Arklow Bridge Commissioners, . . . . .	Completing Works, . . . . .	—	—	255 0 0
Wicklow Bridge, . . . . .	Do., . . . . .	—	—	—
Galway Harbour Commissioners, . . . . .	Constructing Dock, &c., . . . . .	—	117 14 11	882 8 1
Lisnaskea Harbour Commissioners, . . . . .	Do., . . . . .	—	—	410 0 0
Dublin Port and Docks Board, . . . . .	Improving Ballybrigan Harbour, . . . . .	—	—	3,312 11 8
Newry Navigation Company, . . . . .	Extension of Canal, . . . . .	—	—	8 5 0
Swatly R.C. Chapel, . . . . .	Extending Chapel, . . . . .	—	—	—
Sundry Piers and Harbours, . . . . .	Act 9 Vic. c. 3, &c., . . . . .	1,705 5 0	315 10 5	—
River Drainage Works, . . . . .	Granted under Act 5 & 6 Vic. c. 89, . . . . .	—	—	45,094 16 0
Do., . . . . .	Granted by Local Boards, . . . . .	15,806 0 0	—	3,973 16 0
River Drainage Maintenance, . . . . .	Act 29 & 30 Vic. c. 59, . . . . .	100 0 0	—	115 14 10
Labourers' Dwellings, . . . . .	Rebuilding of Labourers' Dwellings in Towns, Act 26 & 27 Vic. c. 58, . . . . .	800 0 0	—	24 14 4
	Totals, . . . . .	22,327 5 0	3,212 0 5	22,306 5 10
	Total Repayments, . . . . .	—	2,904,219 14 5	—

Office of Public Works, Dublin, 1st May, 1871.

W. R. SOANE, Accountant.

(A. S.) ARTERIAL

## SCHEDULE.—ABSTRACT OF FINAL AWARDS, AND REPAYMENTS

Station.	Location.	No. of feet.	Date when Award Made.	Total Amount of Expenditure, for all purposes.	Portion of Total Expenditure allocated to Civilian Public Works.	Portion of Total Expenditure allocated to Land.	Free Grants and Donations.
Arles.	North and South.	79	18 Sept. 1854.	£ 21,280 0 0	£ 1,250 0 0	£ 9,930 0 0	£ 11,600 0 0
Arles, (Supplemental, 25th October, 1854).	Galway.	54	29 April, 1852.	4,454 0 10	2,000 0 0	2,000 0 0	513 10 1
Blackwater, Donaghadee (Supplemental, 24th March, 1855).	North and Kildare.	1	10 March, 1843.	15,115 16 8	1,830 15 0	10,250 0 0	—
Barrow-in-Goosey.	Tipperary.	43	28 April, 1852.	10,000 17 11	990 0 0	5,000 0 0	3,000 17 11
Bayne.	Tipperary and Queen's, Kildare, Meath, Westmeath, and King's, Roscommon.	81	27 Sept. 1851.	30,000 0 1	970 10 0	10,000 0 0	5,010 0 0
Ballybay.	—	26	1 October, 1850.	948 17 4	41 0 0	607 11 0	—
Brown, (Fifeshire).	Westmeath and King's.	120	18 April, 1849.	100,000 0 0	—	10,000 0 0	58,117 0 0
Ballymore (Supplemental, 23rd February, 1855).	Tipperary.	52	17 October, 1851.	3,805 3 0	105 11 4	2,000 0 0	619 0 10
Ballymore.	Cork.	45	18 " "	7,254 17 1	500 0 0	7,070 0 4	—
Ballymore.	Westmeath and King's.	15	10 April, 1850.	2,251 0 10	130 1 0	1,120 0 7	—
Ballymore.	Wexford.	87	30 June, 1850.	41,000 15 0	50 0 0	10,000 15 0	36,000 0 0
Ballymore, Broadleugh (Supplemental, 10th January, 1855).	Kildare.	3	15 " 1845.	520 0 0	87 0 10	641 14 4	—
Ballymore.	Mayo.	30	20 October, 1840.	1,341 10 0	130 15 0	900 0 0	100 1 0
Ballymore (Supplemental, 10th April, 1855).	Galway.	50	17 " 1851.	3,000 10 0	100 10 0	1,000 0 0	700 10 0
Ballymore.	Meath.	25	20 " 1850.	1,107 4 7	90 10 0	1,017 10 4	—
Ballymore.	Meath.	28	20 " "	4,101 0 0	577 10 10	3,013 0 0	—
Ballymore and Castleford.	Meath.	34	25 " "	2,220 11 7	107 4 1	2,010 7 0	—
Ballymore.	Mayo.	100	8 April, 1857.	12,215 15 0	710 0 12	4,000 0 0	13,597 0 0
Ballymore.	Westmeath and King's.	61	14 " 1852.	6,800 7 0	900 17 0	5,700 0 0	—
Ballymore and Ballymore.	Meath, Fermagh, Louth, and Roscommon, Queen's, Fermanagh, and Louth.	109	16 January, 1851.	68,681 10 0	30,000 0 0	—	106,681 10 0
Ballymore and Ballymore.	—	101	6 March " "	50,700 0 0	5,000 0 0	24,400 0 0	25,300 0 0
Ballymore.	—	—	0 " " "	—	—	700 0 0	—
Ballymore.	Orkney and Kildare.	74	20 October, 1850.	30,000 0 11	1,000 10 0	14,000 11 0	—
Ballymore.	Wexford.	47	10 " 1851.	4,350 14 11	40 11 0	2,000 0 0	1,010 0 0
Ballymore.	Galway.	281	27 March, 1857.	18,000 0 1	300 0 0	7,110 0 0	8,580 0 1
Ballymore.	Limerick.	59	22 " 1852.	4,437 11 0	90 17 11	4,310 13 10	—
Ballymore.	Cork.	78	8 Sept. 1854.	11,734 0 10	81 1 0	11,702 4 7	—
Ballymore.	Cork, County of City of.	60	29 April, 1850.	5,000 7 11	—	4,000 7 11	—
Ballymore.	Wicklow.	17	30 " 1850.	5,227 0 4	102 10 7	5,044 19 0	700 10 0
Ballymore.	Donaghy.	11	20 October, 1840.	2,475 7 10	111 0 0	2,364 0 0	—
Ballymore.	Mayo.	31	20 " 1850.	245 0 7	30 0 4	200 0 0	60 10 0
Ballymore.	Do.	49	29 April, 1851.	1,980 0 4	11 15 7	517 7 7	1,450 0 0
Ballymore.	Do.	32	26 October, 1850.	500 10 0	10 0 10	40 0 11	500 10 0
Ballymore.	Mayo.	24	26 " 1850.	300 10 0	300 10 0	310 0 4	—
Ballymore.	Kildare.	9	10 " 1850.	677 10 10	34 10 0	600 10 7	—
Ballymore.	Mayo.	10	30 April, 1850.	900 10 1	0 7 1	433 0 0	907 0 0
Ballymore.	Westmeath.	46	13 October, 1851.	2,400 16 0	909 0 0	2,107 4 10	—
Ballymore.	King's County.	60	20 " 1850.	23,000 0 0	90 17 0	9,000 0 0	12,000 11 11
Ballymore.	Roscommon.	67	29 April, 1852.	1,900 10 0	—	1,900 10 0	—
Ballymore.	North and Dublin.	26	20 " 1850.	1,004 0 0	—	1,004 0 0	—
Ballymore.	Roscommon.	68	20 " 1850.	3,500 0 0	100 0 0	3,400 11 1	—
Ballymore.	Cork.	80	20 October, 1854.	7,000 10 0	610 0 0	6,390 0 0	1,500 10 1
Ballymore.	Mayo.	70	29 April, 1850.	4,000 0 0	—	4,000 0 0	—
Ballymore.	Mayo.	80	0 " 1850.	400 1 0	—	300 0 0	50 1 0





## SCHEDULE—ABSTRACT OF FINAL AWARDS, and Repayments

Division.	Comities.	No. of Award.	Date when Award made (date).	Total Amount of Expenditure, for all years.	Portion of Total Expenditure charged on Comities for Public Works.	Portion of Total Expenditure charged on Comities.	Free Grants and Repayments.
				£ s. d.	£ s. d.	£ s. d.	£ s. d.
Dunoon (Supplemental, 28th April, 1864).	Weston and Longford.	72	20 Sept. 1862.	16,887 1 10	585 12 0	8,000 0 0	8,887 1 10
Dun.	Meath and Westmeath.	82	20 October, 1864.	30,387 12 7	2,000 27 4	12,700 0 0	4,987 12 7
Dunbl.	Galway.	100	7 Sept. 1857.	43,500 14 0	880 0 7	11,240 0 0	33,260 7 3
Durys.	Fermanagh.	95	10 Dec. 1855.	787 14 8	—	300 0 0	487 14 8
Durham.	Do.	90	30 April, 1850.	333 8 3	—	343 8 0	—
Durham.	Sligo and Leitrim.	68	19 " 1850.	4,070 7 0	304 7 8	3,840 0 2	—
Durham, (Supplemental, 28th September, 1865).	Galway, Mayo, & Roscommon.	119	40 " 1853.	53,508 19 10	1,748 10 1	15,000 0 0	37,508 19 10
Durham.	Sligo.	71	23 " 1852.	4,733 15 0	110 0 10	3,301 0 0	1,432 14 8
Durham.	Sligo.	92	24 " "	7,100 4 6	487 10 7	5,598 7 11	—
Durham.	Leitrim.	90	12 " "	11,250 4 2	677 16 9	10,778 10 1	—
Durham (Sept. 1st July, 1864).	Leitrim.	40	30 Sept. 1851.	3,335 15 0	600 2 1	3,000 10 0	1,000 0 0
Durham.	Clon and Galway.	204	30 October, 1849.	68,500 8 8	429 3 8	21,000 0 0	47,077 7 0
Durham.	Edin.	60	29 " 1851.	3,475 1 8	67 3 7	3,408 19 1	—
Durham (Leitrim, 1853).	Leitrim, North, Carron, and Monaghan.	93	27 " 1852.	47,000 15 10	1,800 0 0	21,000 0 0	26,000 15 10
Durham.	Edin.	4	15 June, 1850.	5,500 4 11	139 10 4	5,360 14 7	—
Durham.	Do.	27	1 October, 1850.	3,818 19 8	585 13 6	3,233 6 8	—
Durham (Edin. 1851).	Amrin.	67	30 " 1851.	3,345 4 4	—	2,945 4 4	—
Durham.	Leitrim.	24	16 Sept. 1850.	1,810 12 9	87 10 8	623 2 0	—
Durham (Leitrim, 1851).	Roscommon.	87	11 July, 1851.	21,301 18 2	1,430 18 1	10,550 0 0	9,010 18 1
Durham.	Edin.	8	15 June, 1849.	200 10 1	11 5 10	173 10 5	—
Durham.	Longford and Westmeath.	118	19 October, 1850.	53,000 0 0	751 4 8	11,000 0 0	41,948 16 7
Durham (Supplemental, 18th August, 1854).	Westmeath.	32	26 " 1849.	5,580 19 7	—	7,500 12 7	1,000 0 0
Durham (Leitrim, 1851).	Galway.	68	30 March, 1850.	50,040 17 10	3,357 1 7	21,000 0 0	28,683 17 10
Durham (Supplemental, 18th March, 1851).	Do.	—	—	—	—	30 0 0	—
Durham (Leitrim, 1851).	Mayo.	42	28 April, 1851.	16,500 10 1	340 4 11	7,000 0 0	9,497 6 9
Durham (Leitrim, 1851).	Westmeath and Sligo.	108	15 October, 1857.	50,000 8 7	—	4,500 12 0	15,498 8 4
Durham.	Edin.	91	6 " 1850.	5,500 8 8	500 8 0	4,000 0 0	1,498 8 8
Durham.	Meath.	0	30 July, 1849.	500 19 3	55 14 8	500 18 6	—
Durham.	Carron.	39	17 August, 1855.	3,399 4 7	—	1,000 0 0	1,799 4 7
Durham.	West.	25	14 Sept. 1850.	1,500 8 8	17 14 0	1,481 9 5	41 0 4
Durham.	Fermanagh.	25	2 " "	544 10 4	—	544 10 4	—
Durham.	Edin.	80	13 " 1855.	10,984 13 10	337 7 10	7,000 0 0	3,647 6 0
Durham.	Longford.	109	7 April, 1858.	10,500 8 7	338 2 8	4,450 0 0	5,712 8 11
Durham (Supplemental, 20th September, 1855).	Mayo.	15	20 " 1850.	4,129 19 1	119 7 11	3,000 0 0	1,007 11 2
Durham.	Longford.	113	12 " 1850.	46,884 13 7	5,445 12 0	15,000 0 0	36,439 13 7
Durham.	Tyrone.	25	8 October, 1850.	3,504 19 8	88 0 0	3,400 0 0	649 19 8
Durham.	Meath and Westmeath.	7	2 Sept. 1849.	688 14 4	8 0 0	674 8 6	—
Durham.	Mayo, Roscommon, & Sligo.	120	28 April, 1858.	64,797 4 8	45 18 4	38,500 0 0	26,211 8 4
Durham (Leitrim, 1851).	Carron, Leitrim, & Longford.	119	30 October, 1850.	111,171 15 9	1,800 18 7	50,000 0 0	60,371 15 9
Durham.	Edin.	80	14 Sept. 1854.	4,507 7 4	84 0 0	1,800 0 0	3,707 7 4
Durham (Leitrim, 1851).	Leitrim, Armagh, Down, & Londonderry.	111	18 Feb. 1858.	106,134 10 4	37,000 12 6	—	69,134 10 4
Durham.	Do.	112	4 April, " "	55,285 4 8	5,533 14 0	110,000 0 0	49,752 4 8
Durham.	Do.	—	—	337 17 10	365 10	337 17 10	—

thereon, for the Year ending 31st March, 1871—continued.

Area of Commence- ment of each Road.	Area of Roads to be Improved, in Acres, Municipal Districts.	Cost per acre of the Improvement, including Interest, &c.	Deductions in the Annual Lending Table, on the Basis of the Improvement, &c.	Amount of Borrowings to be repaid, with Interest, &c.	Total Amount to be repaid, with Interest, &c.	Repayments.			Districts.
						To 31st March, 1870.	For year ended 31st March, 1871.	Total.	
						£ s. d.	£ s. d.	£ s. d.	
20,000	3,400 0 0	4 11 1	989 3 8	Paid off.	-	10,870 4 3	-	10,870 4 3	Dungannon.
44,000	4,200 3 36	4 3 0	1,584 8 8	Paid off.	-	10,322 12 4	-	10,322 12 4	Doel.
10,000	5,500 0 0	7 11 0	1,601 15 6	5 11 10 3	41	10,000 15 0	1,265 12 0	11,265 12 0	Dundalk.
3,000	287 0 4	4 4 3	40 3 11	33 7 11 30	10	114 12 36	39 11 0	250 10 16	Derry.
1,000	134 2 5	5 8 7	50 12 0	Paid off.	-	461 8 3	-	461 8 3	Drumboonagh.
14,000	447 0 18	5 15 11	987 11 3	90 0 9 10	10	3,700 0 0	900 10 3	5,700 10 3	Droghda.
10,000	4,007 1 13	10 15 8	1,001 1 13	400 0 0 48	48	12,400 13 0	900 1 13	13,300 13 0	Dunrobin.
7,000	861 0 05	0 4 13	984 30 4	30 37 4 23	23	4,000 10 7	185 0 1	4,185 10 8	Dunrobin.
25,000	5,000 1 6	1 5 11	900 1 4	Paid off.	-	9,000 10 1	-	9,000 10 1	Derrybeg.
12,500	5,000 0 0	4 1 6	800 13 1	380 12 2 40	40	10,000 1 1	300 2 3	10,300 2 3	Edna.
87,000	1,500 0 20	4 10 0	300 3 0	200 0 10 36	36	5,700 10 10	400 0 11	6,100 10 11	Fane.
104,000	7,000 2 80	0 0 0	1,700 2 8	845 18 16	64	17,000 0 0	1,500 10 4	18,500 10 4	Fingona.
3,000	950 1 30	0 11 0	200 1 31	100 7 8 40	40	4,700 18 0	200 7 8	4,900 15 1	Finnaball.
10,000	5,700 0 05	0 11 11	1,000 17 0	500 0 0 30	30	10,000 0 0	1,000 11 0	11,000 11 0	Glyde.
7,100	1,400 0 20	0 7 0	400 0 4	Paid off.	-	4,000 1 5	-	4,000 1 5	Gortona.
3,000	944 0 23	0 12 8	900 10 3	Paid off.	-	5,000 1 7	100 2 8	5,100 2 8	Garr.
3,000	100 0 30	0 0 0	20 12 4	20 12 0 56	56	3,000 1 0	100 17 8	3,100 17 11	Glenamiff.
3,000	804 1 10	0 0 0	144 30 0	Paid off.	-	1,000 0 12	-	1,000 0 12	Heald.
10,000	5,000 0 01	0 11 0	500 0 0	0 0 4 44	44	12,700 10 0	500 1 11	13,200 10 11	Head River.
400	100 1 08	1 10 0	20 13 11	Paid off.	-	414 0 0	-	414 0 0	Kerrington.
100,000	0,000 1 0	0 0 0	1,000 0 0	0 0 2 0 30	30	14,000 10 11	900 10 1	14,900 10 1	Lagg.
8,000	300 1 10	0 0 0	300 0 0	Paid off.	-	10,000 0 1	-	10,000 0 1	Kilnashock.
40,000	0,000 0 10	0 0 0	1,000 10 1	500 2 11 44	44	21,000 12 0	2,000 7 8	23,000 7 8	Kilfinn.
10,000	1,000 0 50	0 10 0	600 10 0	350 11 20 40	40	8,000 1 2	500 0 0	8,500 0 11	Kilfinn.
80,000	5,000 2 15	0 0 0	800 0 0	Paid off.	-	12,700 11 2	0 0 0	12,700 11 2	Kilgobbin.
8,000	3,000 0 10	0 11 0	500 14 0	Paid off.	-	5,000 17 4	-	5,000 17 4	Kilgobbin.
9,000	300 1 22	0 7 0	100 10 1	Paid off.	-	1,000 0 0	-	1,000 0 0	Kilmarry.
17,000	900 0 0	4 8 0	100 0 0	50 11 1 40	40	1,000 4 8	47 17 8	1,047 4 8	Kil.
9,000	400 0 11	0 30 4	100 4 1	0 10 1 40	40	5,000 10 8	57 1 0	5,057 11 8	Kilnuck.
1,000	47 0 11	0 15 7	80 8 8	Paid off.	-	800 0 10	-	800 0 10	Kilnuck.
10,000	9,000 2 0	0 15 0	400 0 0	0 0 4 40	40	1,000 2 1	300 10 0	1,300 12 1	Kilnuck.
10,000	1,700 0 0	0 0 0	300 15 2	150 0 0 44	44	1,000 10 0	340 10 1	1,340 10 1	Kilnuck.
0,000	0 0 0	0 10 10	500 10 0	Paid off.	-	2,000 4 0	-	2,000 4 0	Lough Ald.
10,000	3,000 0 00	10 10 11	1,000 7 0	0 17 2 44	44	10,000 10 7	1,000 0 0	11,000 10 7	Lough Ald.
0,000	1,000 1 10	0 0 0	800 7 0	Paid off.	-	0,000 10 0	-	0,000 10 0	Lough Ald.
2,000	100 1 38	0 0 0	50 11 4	Paid off.	-	800 18 8	-	800 18 8	Lough Ald.
100,000	4,000 0 30	0 0 11	700 0 0	300 4 3 44	44	5,000 11 1	700 18 0	5,700 18 0	Lough Ald.
100,000	10,000 0 0	10 0 4	2,000 14 4	1,000 0 0 44	44	10,000 11 11	2,000 14 10	12,000 14 10	Lough Ald.
3,000	500 1 2	7 0 0	500 4 4	60 10 0 40	40	1,000 1 10	80 10 1	1,080 11 11	Lough Ald.
100,000	10,000 0 0	0 14 0	1,000 0 0	5,000 12 0	44	10,000 12 0	-	10,000 12 0	Lough Ald.
100,000	10,000 0 0	0 14 0	1,000 0 0	5,000 12 0	44	10,000 12 0	-	10,000 12 0	Lough Ald.

## SCHEDULE.—ABSTRACT OF FINAL AWARDS, and Repayments

District.	Grantee.	No. of Award.	Date when Award made.	Total Amount of Expenditure, for all purposes.	Portion of Total Expenditure charged to Donations for Public Works.	Portion of Total Expenditure charged to Loans.	Free Grants and Repayments.
Loughborough.	Measeham.	51	20 Dec., 1855.	£ 4 8	£ 2 11 5	£ 2 0 0	£ 2 10 3
Lough Cor.	Meath.	58	15 Oct., 1861.	9,708 10 8	157 18 2	9,550 1 8	—
Lough Duff (Supplemental, 12th October, 1861).	Mayo.	53	22 — —	5,802 11 9	161 1 10	5,640 0 0	371 0 21
Londy.	Galway.	50	27 — 1855.	15,538 8 8	579 11 8	4,790 0 0	11,108 17 0
Lough Black (Supplemental, 1st Dec., 1861).	Mayo and Galway.	108	24 Jan., 1856.	9,719 4 10	1,412 2 2	10,500 0 0	5,719 4 10
Lough Cor. (Navigation, 1st Dec., 1861).	County of the Town of Galway and Counties of Galway and Mayo.	116	20 June, 1856.	10,222 10 4	1,500 0 0	—	87,690 10 4
Lough Cor. (Navigation, 1st Dec., 1861).	County of the Town of Galway and Counties of Galway and Mayo.	117	20 Sept., 1856.	71,854 5 9	4,011 3 4	20,000 0 0	86,726 8 2
Lough Cor. (Navigation, 1st Dec., 1861).	County of the Town of Galway and Counties of Galway and Mayo.	118	4 April, 1860.	30,326 10 0	—	15,145 10 0	—
Lough Cor. (Navigation, 1st Dec., 1861).	County of the Town of Galway and Counties of Galway and Mayo.	119	18 October, 1861.	1,545 12 11	—	1,545 12 11	—
Lough Lannagh.	Mayo.	108	7 April, 1857.	18,445 7 4	1,500 0 0	4,800 0 0	12,325 0 8
Mayo (Supplemental, 12th April, 1861).	Do.	30	20 October, 1856.	9,704 1 2	1,030 10 0	4,000 0 0	3,724 1 0
Mayo (Supplemental, 12th April, 1861).	Do.	31	20 April, —	966 10 0	134 8 7	529 0 0	343 8 2
Mayo and Tullybrannigan.	Cork.	50	29 — 1855.	1,358 5 3	98 15 0	1,222 9 0	—
Mayo (Supplemental, 10th January, 1856).	Mayo.	54	20 October, 1855.	347 7 4	13 2 2	500 0 0	35 15 2
Mayo.	Down.	58	20 — 1861.	1,307 12 1	—	1,587 12 1	—
Mayo and County of the Town of Galway (Supplemental, 20th October, 1861).	Mayo.	21	23 April, 1860.	722 15 9	55 1 0	690 0 0	219 12 2
Mayo.	Galway.	100	24 — 1867.	12,882 1 1	1,229 12 11	5,000 0 0	56,573 8 0
Mayo.	Meath.	44	20 Sept., 1861.	7,204 3 4	590 17 11	7,023 5 5	—
Mayo (Supplemental, 12th February, 1857).	Galway.	2	4 April, 1848.	5,071 10 2	169 18 2	2,430 0 0	1,082 0 8
Mayo (Supplemental, 12th February, 1857).	Mayo.	20	20 October, 1855.	3,334 5 7	30 15 11	1,000 0 0	1,593 9 8
Mayo.	Cork.	50	20 April, —	1,077 7 2	70 11 7	1,500 15 8	—
Mayo.	Down.	54	25 October, 1854.	30,080 5 2	1,078 18 4	14,000 0 0	5,007 8 10
Mayo.	Meath.	5	2 Sept., 1861.	964 10 11	90 15 11	820 0 0	—
Mayo.	Lough and Westmeath.	73	20 — 1861.	4,571 6 4	593 8 1	4,000 0 0	1,471 10 3
Mayo.	Cork.	43	15 October, 1861.	229 7 11	—	229 7 11	—
Mayo.	Lough and Lough.	114	24 April, 1860.	11,107 11 1	8,078 14 3	15,800 0 0	10,470 20 10
Mayo.	Downmeath.	30	11 July, 1858.	42,087 6 1	1,825 0 0	21,543 9 1	16,008 0 9
Mayo.	Mayo and Galway.	104	15 April, 1857.	30,570 10 3	822 0 1	7,500 0 0	23,147 10 2
Mayo.	Mayo and Kippure.	75	25 — 1855.	5,381 2 0	414 9 11	5,000 0 0	2,794 12 10
Mayo.	Wexford.	50	12 October, 1851.	1,000 12 0	370 0 0	500 12 0	—
Mayo.	Mayo.	38	20 April, 1850.	715 10 0	—	715 10 0	—
Mayo.	Wexford.	70	20 — 1855.	5,045 9 3	415 10 11	5,000 0 0	1,008 16 4
Mayo.	Mayo.	—	—	7,411 6 4	527 12 6	—	5,118 12 11
Mayo.	Mayo.	42	28 April, 1851.	1,079 12 11	235 18 0	3,843 15 5	433 12 5
Mayo.	Galway.	88	28 June, 1855.	40,532 9 1	1,180 10 8	85,000 0 0	30,706 18 11
Mayo.	Mayo.	77	1 July, 1854.	15,036 15 0	1,000 0 0	7,500 0 0	7,500 12 2
Mayo.	Mayo.	50	20 October, 1850.	1,324 0 10	155 10 4	1,000 0 0	159 8 8
Mayo.	Meath.	10	10 — 1845.	1,704 0 0	280 17 7	1,575 2 2	—
Mayo.	Lough.	45	20 Sept., 1851.	1,100 12 0	80 17 7	1,000 15 5	—
Mayo.	Cork.	100	18 Feb., 1857.	11,880 8 7	—	7,000 0 0	15,000 2 7
Mayo.	Mayo.	—	—	9,300,010 10 4	10,000 12 8	10,000 12 10	1,301,002 18 3
Mayo.	Mayo.	—	—	1,159 12 0	—	—	—
Mayo.	Mayo.	—	—	9,201,791 8 10	—	—	—

Office of Public Works, Dublin, 1st May, 1871.



## (A S.) ARTERIAL DRAINAGE.—

These Works are executed under District Boards in  
 SCHEDULE—ABSTRACT OF FINAL AWARDS, and Repayments

Districts.	Comtee.	No. of Award	Date when Awards made final.	Expenditure, including interest, in sum of Award	Portion of Total Expenditure charged to Owners for Public Works.	Portion of Total Expenditure charged on Loans.
				£ s. d.	£ s. d.	£ s. d.
Ashby River, . . .	Meath, . . .	5	4th April, 1869.	11,141 16 2	—	11,141 16 2
Brickley River, . . .	Waterford, . . .	7	26th Sept., 1870.	4,323 12 0	—	4,323 12 0
Ballynacorney, . . .	King's and Queen's, . . .	1	5th April, 1869.	5,975 9 1	—	5,975 9 1
Cassell, . . .	Wiltshire, . . .	5	19th Jan., 1870.	3,482 13 0	—	3,482 13 0
Kilkeashola, . . .	Tipperary, . . .	6	26th July, 1870.	10,083 7 8	—	10,083 7 8
Quinagh, . . .	Carlow, . . .	4	18th Jan., 1870.	2,509 18 8	—	2,509 18 8
Rathdowney, . . .	Queen's, . . .	2	26th Oct., 1868.	2,648 6 3	—	2,648 6 3
Silver River, . . .	King's, Wexmouth, . . .	5	4th Oct., 1870.	3,971 2 9	—	3,971 2 9
Total,				44,024 5 7	—	44,024 5 7

## ARTERIAL DRAINAGE WORKS in progress.

Canago, . . .	Limerick, . . .	—	—	3,000 0 0	—	—
Cladagh River, . . .	Tipperary, . . .	—	—	3,000 0 0	—	—
Doohyle, . . .	Limerick, . . .	—	—	2,000 0 0	—	—
Doogles River, . . .	Carlow, . . .	—	—	1,500 0 0	—	—
Eight, . . .	Roscommon, . . .	—	—	5,000 0 0	—	—
Frankford River, . . .	King's, . . .	—	—	1,000 0 0	—	—
Gully, . . .	Queen's, . . .	—	—	850 0 0	—	—
Island Lake and Glen River, . . .	Mayo, . . .	—	—	1,000 0 0	—	—
Isny, Upper, . . .	Meath, Wexmouth, Leixford, Caron.	—	—	9,000 0 0	—	—
Parsonstown, . . .	King's and Tipperary, . . .	—	—	8,630 0 0	—	—
Six-mile-bridge, . . .	Clare, . . .	—	—	17,500 0 0	—	—
Total,				45,000 0 0	—	—
Awards as above, . . .				44,024 5 7	—	—
Total charge against districts,				108,024 5 7	—	—

Office of Public Works, Dublin, 1st May, 1871.

26 &amp; 27 Vic., c. 88, &amp;c.

accordance with the Provisions of the above Acts,  
thereon, for the Year ending 31st March, 1871.

Area of Flooded or Drained Lands, which have been Detailed or Assigned to Sewerage	Cost per Acre of the Drainage, including Interest, &c.	Increase in the Annual Letting Value of these Lands, caused by Drainage	Amount of Installments payable half-yearly, to repay Cost with Interest.	No. of Drainage Districts comprising the Lands Detailed or Assigned	Repayments			Districts
					To 31st March, 1871.	For year ending 31st March 1871.	Total.	
£ s. d.	£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.	
1,388 0 17	8 0 5½	369 16 6	369 2 2	44	102 1 3	724 5 1	1,086 6 6	Athboy River.
859 1 20	5 4 3	277 2 1	{ 14 10 0 128 12 2	{ 31 44	—	136 7 6	136 7 6	Bridgely River.
5,902 1 23	2 7 8½	516 14 0	191 4 0	44	388 8 6	388 8 6	776 16 0	Ballynacarrig.
747 2 0	3 6 3	171 12 2	{ 6 16 0 77 1 5	{ 50 44	—	167 14 10	167 14 10	Cassell.
1,681 1 16	6 10 7	382 12 2	{ 54 2 11 339 0 2	{ 30 44	—	945 6 4	945 6 4	Kilbristulla.
680 3 0	3 13 5½	306 1 5	80 5 7	44	—	102 11 2	102 11 2	Quinago.
415 1 39	4 6 1	189 0 4	86 1 5	44	172 2 10	172 2 10	344 5 8	Rathdowney.
1,092 2 20	3 12 8	215 10 9	{ 0 6 7 128 16 6	{ 30 44	—	129 3 1	129 3 1	Silver River.
3,335 2 57	—	2,750 0 5	1,447 8 6	—	922 12 3	1,875 10 0	3,708 11 3	

showing the Issues made to 31st March, 1871.

—	—	—	—	—	—	—	—	—	Cornaga.
—	—	—	—	—	—	—	—	—	Clodiagh River.
—	—	—	—	—	—	—	—	—	Doonagh.
—	—	—	—	—	—	—	—	—	Douglas River.
—	—	—	—	—	—	—	—	—	Elphin.
—	—	—	—	—	—	—	—	—	Frankford River.
—	—	—	—	—	—	—	—	—	Gully.
—	—	—	—	—	—	—	—	—	Island Lake and Glace River.
—	—	—	—	—	—	—	—	—	Inny, Upper.
—	—	—	—	—	—	—	—	—	Parnassstown.
—	—	—	—	—	—	—	—	—	Six-mile-bridge.
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	

W. B. SHARP, Accountant.

## ARREARAGE B.

Landed  
Property Im-  
provement.

Inspector's  
Annual  
Reports.

## APPENDIX B.

LANDED PROPERTY IMPROVEMENT.—INSPECTORS' ANNUAL REPORTS, 1870-71.

*North-Western District, comprising the Counties of Fermanagh, Carrick, Monaghan, Leitrim, and Sligo.*

Applications for new loans have not been numerous in this district during the past year. Landlords and agents complain of the scarcity of labourers even at wages largely above the rates they were formerly accustomed to pay, and they inform me that the emigration to America is larger (for the commencement of 1871) than for some years previous, and promises to continue on an increased scale. Speaking generally, moreover, there is no great inclination to expend money on land in the occupation of tenants, and I believe that it is owing to these two reasons—the increased cost of labour and the unwillingness to improve tenants' farms, that new loans are not so rapid for.

I draw this conclusion because there are a few excellent examples of land improvement in each of the above counties, and several proprietors who had some grating regards of twenty years ago are still continuing to improve farms as tenants change and land comes under their own immediate control, thus showing that the result of such agricultural work was satisfactory, and, by their reporting to the Board for new loans, that the conditions under which money is lent are considered fair, and the arrangements of the office not inconvenient for country gentlemen.

Through drainage and made drainage on each year better understood and carried out with more confidence, though at much greater cost, owing to the rise in wages; and the value of roads and fences is more generally recognised. The Board of Works having given facilities for these items as well as recommendation of logs, planting for shelter, and building houses, farm-offices and barns, an owner may now completely transform a tract of land without trenching on his private funds, and keep clear for the purchase of stock, implements, and manure, and also, in the case of rented estates, where large improvements are needed, without reducing the money set apart for younger children.

It is to be regretted, therefore, where these advantages are offered, and when a sufficient number of successful undertakings are to be seen in each district to prove what may be done, that more progress is not made.

Colonel E. Cooper and Mr. B. Orme in Sligo, Mr. O'Brien, Mr. La Touche in Leitrim, Miss Hess in Monaghan, Mr. John Blount and Major Irvine in Fermanagh, have all shown good examples in building, and there is a decided advance in the knowledge that improved farm-offices and better dwellings for both farmers and labourers are needed, so education and money have spread, and a higher standard of living and dress has been reached. Among the farmers generally there is a taste for better clothes, food, and furniture than were ever thought of twenty years ago. The consumption of tea, coffee and sugar, as well as of bread and meat, has immensely increased, and many who find no means of indulging in this better style of living emigrate to America, though they could stay if they were content with their former condition. The prices of stock, butter, eggs, bacon, and poultry have been so much higher than formerly that I believe there is more money among the farmers in Ireland than at any former time. Commercial travellers that I have met for years at the same hotels in country towns tell me that the trade depending on the rural population are doing an excellent trade, and as soon as a more settled feeling about land begins to prevail I anticipate a rapid increase in the building of dwelling-houses for farmers and labourers, which is the most crying want at present. I may mention that, in addition to the facilities offered for building by Messrs. Martin's timber and slate stores and saw-mills on the North Wall, Dublin, that I have so often reported on, there are now to be seen samples of concrete for walls that

are well worth attention, and labourers' cottages can now be erected with far greater ease and rapidity than at any former time.

WILLIAM P. FLEMING.

*Counties of Donegal, Londonderry, Antrim, Monaghan, Tyrone, Fermanagh, and Louth.*

Dungannon, March 11th, 1871.

SIR,—I beg to acknowledge the receipt of your letter, dated January 25th, requesting me to furnish, as soon as convenient, my annual report on the working of the Landed Improvement Acts for the year 1870, and up to the date of each report for the past period of the current year, in accordance with which I beg leave to submit as follows, viz.:

In the county of Donegal Mr. Alexander J. T. Stewart, of Ards, is steadily progressing with his heavy works. The Cloagh River (now cut), which has been driven, I may say, through the solid rock, is now completely finished, and furnished with a self-acting tide valve at side. This will afford an outlet for the drainage of the upper lands, which were formerly more or less useless, but will now be brought into a state of cultivation.

Mr. Stewart proposes to take in a considerable area of rich old-land this year, and to bring a constant supply of water from the mountain districts to the townland and town of Dungannon.

Miss Pifford is carrying on boundary-wall building close to the town of Banaderry.

In Londonderry supplementary loans have been finished up for Miss Field and others, and the Misses Alexander, close to the town of Dungannon, Mr. Michael King having had charge of both, which have closed with highly satisfactory results. Decemont-Oakland Carrigahall's drainage loan has been closed.

In the Barren of Coleraine, the Rev. John Lylo has added out-offices to farm-buildings erected last year.

In the county Antrim, William Trull, esq., Ballylough, has completed a fine building for a tenant.

Vicount Templemore has completed a farm-yard building, and is laying out a considerable loan on drainage in the neighbourhood of Belfast.

Mr. James Bignow has completed a very useful set of farm-office buildings near the town of Dungannon, also a length of enclosing range wall.

General Waulaw has nearly completed his farm-yard buildings, and is carrying out his drainage loan creditably.

Reverend Arthur Pakenham, Longford Lodge, has closed his loan for drainage.

Sir Harvey Bruce, M.P., has completed a range of twelve labourers' dwellings near to Castlebrack, which are the best and most comfortable of the kind I have as yet inspected.

Lord Massameno and Fermanagh's farm-office buildings and farm-dwellings have been finished in a very satisfactory manner.

Mr. W. D. Wilson, Carrickfergus, has finished his plantation loan as well as the farm-dwelling and offices in the townland of Connallyagh.

In the county of Tyrone, Colonel Augustus S. Bolton is progressing steadily with his drainage loan, and has finished his labourers' dwellings.

Robert William Lowry, esq., for whom I made a preliminary inspection last year for drainage, plantation and other works, at Fermanagh, for considerable loans, is now carrying out these works on a property of large area, bordering on the mountain district, where no money had ever been expended before on any improvement whatsoever.

Mr. Vossy, Derrinagh House, has nearly completed a very good modern scotchmill, which will be of great use to his neighbourhood. He has just received a supplementary loan to finish up the works with.



I have made a preliminary inspection, last year, for a loan granted to Mr. George V. Stewart, to effect the drainage of an old mill reservoir.

Major George P. McIntosh has finished his plantation loan, and is at present carrying out building a series of labourers' dwellings.

Dr. Barnside, Cornewy, has nearly completed his drainings loan, with good effect.

Dr. MacIvor, Newtownstewart, is carrying on improvements in drainage and river embankments on the globe grounds, and drainage and levelling on his property near Plumb Bridge.

The Earl of Charlemont is carrying on drainage works at Rosboro', which has relieved his low grounds completely from water.

In the county of Louth, Edward Tipping, esq., has completed his sea embankment, which reclaims a large tract of slab ground.

I find some proprietors would have applied, in many instances that I know of myself, last year, for loans, only for the passing of the Land Bill, which has deterred them from doing so.

THOMAS B. LEWIS, C.E.

*Counties of Carlow, Queen's, King's, Kilkenny, and Wexford.*

Ashfield Hall, Carlow,  
30th January, 1871.

During the past year, ending 31st January, 1871, I have made forty inspections, under the provisions of the Land Improvement Acts, in the counties of Carlow, Kildare, Kilkenny, King's, Queen's, Wicklow, and Wexford, viz.:

Improvement of lands by draining, fencing, &c.	81
Farm-buildings, . . . . .	11
Labourers' dwellings, . . . . .	8
	40

These works have been generally very well and carefully executed; some under the superintendence of overseers employed by proprietors, which were all well and satisfactorily executed, some by contract were not so well; however, I was able to make favourable reports in all cases but one.

I now have to repeat what I have stated in my annual reports each year since 1847, viz., that proprietors and occupiers are universally pleased and satisfied at the result of works executed under the provisions of the Land Improvement Acts.

Many proprietors have expressed to me their apprehensions regarding future dealings between landlord and tenant. For the present, few owners will be found willing to improve, except on lands in their own possession, fearing they may be obliged to pay again for such improvements at the termination of tenancies. However, I trust that when the provisions of the Irish Land Act, 33 & 34 Vic. are fully understood, matters may right themselves, and that owners and occupiers will make equitable arrangements, such as will facilitate improvements for their mutual benefit.

Mr. B. W. Hall-Dave, Newtownberry, has used "patent Portland cement concrete" for the formation of outer fence-walls, for feeding-troughs in out-houses, gate-piers, &c. I examined it closely, and tested it by striking with a heavy hammer. It appeared to be durable; it is neat and light-looking. Mr. Hall-Dave informed me it is, by at least 30 per cent., cheaper for such works, compared with stone and mortar. I, therefore, will be glad to see it used frequently for similar works.

J. FLEMING.

*Counties of Longford and Roscommon, and parts of Westmeath and Mayo.*

Newtownshand, Edgewoodstown,  
7th February, 1871.

In reply to your letter of the 30th January, requesting me to furnish my Annual Report on the working of the Land Improvement Acts for the year 1870, I beg to state that the applications for new loans during the last year in the above-mentioned district have not

been numerous, and more advantage has been taken of the Acts for the purpose of erecting farm buildings and residences than for the drainage and improvement of land, as I find the owners of property do not in general wish to spend money on any land which is not in their own hands.

In the county of Longford the improvements on the property of the Honorable L. H. King Haeman still continue to be carried on, but not to the same extent as in previous years. Five labourers' dwellings have been lately built on this property, and a farm residence and offices are in progress of erection at Lissey by Mr. Dundas.

In Roscommon the most extensive improvements are those carried on by Lieutenant-Colonel Chichester at Rannamont, consisting of drainage, planting, and fencing, under two loans. He has also nearly completed his farm-offices, built with concrete, at a cost of over £3,000. During the year several small loans have been granted for building farm residences and offices, the principal being a range of offices built by Mr. Nelson near the town of Roscommon. In the neighbourhood of Castlereagh Mr. Willis Sandford and Captain Balch have obtained loans for drainage, which is much required.

In Westmeath the only inspections I have made are at Mr. R. R. Smyth's, of Portlick Castle, who is improving his place by fencing and road-making.

In the county of Mayo, near Belmullet, Mr. Carey having expended a loan in the reclamation of moor lands, was so well satisfied with the results that he applied for another, the works under which must be now nearly completed; and near Cheshamstown I had the pleasure of inspecting some very valuable improvements in the way of thorough drainage and planting for shelter on Lord Ormonde's estate.

In conclusion, I beg to report that I found the works which I have inspected within the last year well conducted in every instance, and giving perfect satisfaction to the proprietors.

The Secretary,  
Office of Public Works, Dublin.

WILLIAM BOND.

*County of Tipperary and part of Galway.*

Riverstown, Nenagh,  
16th February, 1871.

During the past year the cases referred to me to inspect and report on have been fewer in number than for some years past. My inspections were chiefly confined to the works which had been in progress in 1868, 1869, and 1870, only one new case connected with thorough drainage having been reported on during that period. Six cases connected with farm buildings or farm residences, and one for opening a new road on the estate of Lord Dunally, with ten for works of drainage, or other reclamation of land, comprising the total for the past twelve months; but though the number is small, some of the cases were important, involving a very considerable outlay.

I am happy to say that the works have been in every case carried out in a very satisfactory manner. The estates of Captain Power Lake in Tipperary, and of Sir Capel Molyneux in the county of Limerick, afford ample evidence of what can be done by a judicious expenditure. In the cases of loans for smaller sums the results have been equally beneficial.

The relative positions of landlords and tenants having been fully inquired into and legislated for recently, will, I think, give an impetus to improvements, particularly for buildings, in the coming year. Already several inquiries have been made by parties who contemplate improving their farms by thorough drainage, and also by the building of suitable homesteads.

The provisions of the Act affecting facilities for the planting of moor-land and hills for shelter do not appear to be appreciated as they should be, though in several parts of the district planting could be introduced with advantage and at no very considerable expense. Moor-land and cut-out bog would, I think, well repay for the expenditure.

Appendix B.  
Landed Property Improvement.  
Inspector's Annual Reports.

APPROVED BY  
 Landed  
 Property Tax  
 Assessment  
 Board.

The want of several drainages in some parts of the district is much felt. There is always a difficulty in getting proprietors to agree among themselves, various causes operating against their doing so; and I am rather disposed to think that the State should require those who have properties so circumstanced to rectify and improve them, and not suffer the lands to remain almost useless to themselves and unproductive for the requirements of the country.

JAMES JOSEPH FOX.

County of Dublin and parts of Kildare, Louth, Meath, Wicklow, and Wexmouth.

5, Lansdowne-terrace, Shelburne-road, Dublin,  
 February 22, 1871.

I beg leave to acknowledge the receipt of your letter, requesting me to furnish my annual report on the working of the Land Improvement Acts, during the year 1870, and in accordance with which I beg leave to submit the following statement of the facts that have come under my notice since that time last year.

In this, my first report of last year, I take the liberty of assuming the Board of the perfect satisfaction expressed by proprietors, both with the result of the works they have executed, and also with the conditions under which the loans were granted.

I will now proceed to summarize the different drainages and other works which I have inspected since that time last year.

In the county Dublin, the only preliminary case of a building loan was that of Vincent Power, who spent £500 in considerably improving and putting into thorough repair the house of Ballyman, which lies about midway between Bray and Brinkerry.

The preliminary drainage cases were those of Sir Charles Donnell, who cleared the outlet of the tunnel of Vinegar, Great, which adjoins that of Kestry, on which his residence stands. A small loan for a similar purpose has also been just expended on that portion of his property lying in the direction of Chesham, and in the property of Henry St. Leger Pollock, esq., valuable and extensive drainage works have been commenced. The cases that came under my notice, in progress of execution, were those of Miss Anne Doyle, on whose property at Belgriffin Park extensive ranges of farm-offices have been built. On the estate of Colonel Taylor and Mr. Richardson valuable works are in progress.

In the county Kildare, the Duke of Leinster has granted a large loan (£3,500) for drainage, which included both the draining and the improving of an important river course, on also some most valuable works of thorough drainage. These works are now in progress, and promise to be some of the most effective and best finished in the county. The other cases of loans under which I have inspected, have also been for drainage purposes, and include those of Captain Hartley, George F. L. Mansfield, and Nicholas J. Garman, esqs. All these works have been well executed throughout, and are still in progress.

In the county Louth I made a final inspection on the property of the Messrs. Sappals, of Dundee, who have lately completed some well executed drainages, for which the loan was granted by the Board.

In the county Meath, the principal cases that have come under my notice during the past year, have been those of building. A second or supplementary loan has been just expended in erecting labourers' dwellings on the property of R. C. Wade, esq., of Clonsilla. The Marquis of Lansdowne and Charles B. Caldwell, esq., have expended much money in labourers' dwellings, and Michael Flunkett, esq., has also had a loan granted to him for additions to a dwelling-house, under which some well-executed improvements have been made to the house of Gormanstown. On the estate of the Messrs. Gorman some excellent drainage works have been completed during the past year; and Robert G. Daniel, esq., has also completed the expenditure of a loan granted for similar improvements in the neighbourhood of Ballymore.

In the county of Wicklow a new loan, for extensive

drainage improvements, has been granted to William T. E. Bodley, esq. In this county also, near Shankill, there has been executed some extensive planting for shelter, which is situated on the property of Sir Charles C. W. Donnell, bart. Amongst the building cases, I may mention the loan-offices of W. H. Cogan, esq., of Trillick, which are on a very extensive scale, and at present in progress. These are being carried out from the designs of an eminent Dublin architect, and are well deserving of attention. Under a loan granted to Robert C. Wade, esq., and others, buildings for the accommodation of labourers and other agricultural purposes are in progress, at a distance of about six miles south of the county town. George Booth, esq., of Lough, has still in progress some most valuable works, in the way of clearing land of rocks and stones, and afterwards improving same by subsoiling.

In the county Wexmouth, which is the last of those in which I have had the honour to inspect for the Board, some well-planned labourers' cottages have been well built, while others are still in progress, on the property of Joseph Tice, esq., of Boreen. And now having mentioned the several cases that have come under my notice as Inspector since this time twelve months, I have only to repeat my belief that the working of the Land Improvement Acts has, as far as comes under my notice, been most successful and satisfactory.

RICHARD L. J. LEWIS.

County of Galway, and parts of Counties of Mayo, Clare, and Limerick.

Galway, 4th May, 1871.

SIR,—In compliance with your request I now submit for the information of the Board, the following report on the working of the Land Improvement Acts in the district in which I inspect, for the year ending 31st December, 1870.

The following statement shows the various classes of works that have been performed, and the amount expended as reported in their execution, within the above period:—

	DRAINAGE.			MAINT.			CLAY			LIMESTONE.		
	£	s	d.	£	s	d.	£	s	d.	£	s	d.
Drainage, . . . . .	805	2	4	28	12	0	—	—	—	—	—	—
Clearing Land, . . . . .	107	12	0	—	—	—	—	—	—	—	—	—
Soil in Ponds, . . . . .	400	12	7	—	—	—	—	—	—	—	—	—
Soil in Roads, . . . . .	80	0	0	—	—	—	—	—	—	—	—	—
Labourers' Dwellings, . . . . .	29	12	0	—	—	—	—	—	—	—	—	—
Other Buildings, . . . . .	812	2	0	210	0	0	502	10	0	—	—	—
Clay, Gravel, &c., . . . . .	367	0	0	—	—	—	—	—	—	—	—	—
Plaster, &c., &c., . . . . .	311	0	7	—	—	—	—	—	—	2,801	1	0
Flanking for Sluice, . . . . .	268	12	0	—	—	—	—	—	—	—	—	—
	3,009	0	0	288	12	0	261	12	0	2,801	1	0
							£	s	d.			
Galway, . . . . .	—	—	—	—	—	—	5,000	0	0	—	—	—
Mayo, . . . . .	—	—	—	—	—	—	808	12	10	—	—	—
Clare, . . . . .	—	—	—	—	—	—	351	15	0	—	—	—
Limerick, . . . . .	—	—	—	—	—	—	2,041	1	0	—	—	—
							£5,201	0	0			

In the class of drainage works, comprising both main and thorough drainage, there is nothing that calls for special notice. The works that have been executed are not very extensive, but they have been satisfactorily carried out.

Mr. Burke, of Dunsfield, is the only proprietor in this district who has effected any improvements in the clearing of land. The works which he has executed have proved most remunerative, and he is proceeding with them as extensively as the labour available in his locality will admit.

Two labourers' dwellings have been built on the estate of Mr. Denis Kirwan, of Castlechapel, on a very cheap and convenient plan, and he contemplates erecting several others on the same property.

The facilities afforded for erecting farm-buildings have been largely taken advantage of. In rare cases works of this class have been executed, among which I may refer to those on the estate of Mr. John Archer Daly, at Baford; Mr. J. H. Blake, at Rathville; and Mr. G. E. Burke, at Dunsfield, all in the county of Galway, as satisfactory examples of well and economically designed works executed in an economical manner.

A very extensive work is now in progress in the barony of Kenry, county of Limerick, for the reclamation of 250 acres of valuable old lands on the Shannon. The cost of this work has been largely increased, and its progress much retarded by the scarcity of labour in the locality. The embankment will, I expect, be closed this season, and the drainage of the land completed early next spring, and will, I expect, prove a valuable and remunerative work.

The following works have been executed under the Act of 1866, which authorises loans to be made for such works as the erection and improvement of farm dwelling-houses and planting for shelter.

Mr. James Shannon, of Lismuck, in the county Clare, has in course of erection a substantial farm residence on his property, near Ennistimon, and Mr. S. Kenry has completed a very conveniently designed and substantially executed farm residence on a valuable farm near Ballinrobe, in the county Mayo.

Planting for shelter has been carried out to a considerable extent on the estate of the Reverend Sir W. Ross Mahon, at Castlebar, and on that of Mr. Henry Hodgson, at Carrigrohewell, both in the county of Galway.

The great scarcity of labour and the consequent increase in its price has retarded considerably the progress of works for the improvement of landed property in this district; but this altered condition of the labour market is gradually leading to its more skilful and economical application, and notwithstanding the increased prices paid, the works carried out have proved remunerative and satisfactory to the proprietors.

SAMUEL ROBERTS, M.A.C.E.

*County of Limerick and portions of the adjoining Counties of Clare, Tipperary, Cork, and Kerry.*

Office, 80, George-street, Limerick,  
16th March, 1871.

In reply to your communication, directing me to furnish the usual annual report on the operation of the Land Improvement Acts in this district for the past year, I beg to submit the following statement for the Board's information:—

Between the 1st January, 1870, and the 1st January, 1871, I made one preliminary, and forty-one progress inspections, reporting upon one application for a loan, and upon thirty-three cases in which loans had been already sanctioned. The gross value of the works which I certified for as having been executed within those dates was £10,359 8s. 6d., out of which sum £6,067 2s. 3d. was expended upon land improvement works, including open, main, and thorough drainage, farm-road-making, the erection of new and the removal of old fences, grubbing land of rocks, &c., enclosing, levelling the surface of land, top-dressing and irrigating; the balance, amounting to £4,191 15s. 6d., being absorbed by such works as the erection of new and the repairing of old farm-dwellings, farm-offices, and labourers' cottages.

With a couple of exceptional cases, in which I had some little difficulty to get works properly carried out, the expenditures have been made in a most satisfactory manner, and in every instance with an obviously beneficial result.

A scarcity of labour is being felt very much in several parts of my district, and I have no doubt that the consequent high rate of wages prevents many persons from availing themselves of the provisions of the Land Improvement Acts. At the same time, I feel confident that so long as live stock and better retain their present relatively large prices, loans will be required, without any marked falling off in the number of applications.

I am, sir, your obedient servant,

WILLIAM SIDNEY COLE, Inspector.

The Secretary,  
Office Public Works, Dublin.

*County of Kerry and part of Cork.*

Trillick, 26th January, 1871.

According to order, I have to report, for the information of the Commissioners of Public Works, on the working of the Land Improvement Acts in the county Kerry, and on the estates of Sir George Colthurst and Mr. Wallis Adams in the county Cork, during the year 1870.

I find that the expenditure was £270 over that of 1869, and that it amounted to £5,950 17s. 7d., viz.:

	£	s.	d.	£	s.	d.
County Kerry—						
Land Improvement,	1,045	33	0			
Buildings,	1,306	5	6			
				2,351	38	6
County Cork—						
Land Improvement,	707	0	7			
Buildings,	2,058	13	6			
				2,765	14	1
				£5,950	52	7

I believe the sum of £3,955 is nearly the smallest sum I have had to report as an annual expenditure under loans in Kerry, and I know it would have been less but for the exertions made to avert for outstanding instalments to close the loans.

Several proprietors tell me that they will not be able to go further with their works from the impossibility of getting sufficient supply of labourers to insure a fair return of work, and from the unwillingness of the tenants to pay interest on loans for improvements, preferring to execute their own improvements under the security of the new Land Act.

The Commissioners will find but very few memorials presented for loans from the proprietors in Kerry for the future, except for lands in their own occupation or for labourers' dwellings. In a few instances tenants have come forward and offered to pay interest for making farm-roads, as such works would benefit many holdings, and there may be applications for them to some extent. But I am afraid the amount in the gross yearly will diminish.

Nevertheless, I am sure that the improvement of the country will go on much faster than ever, under the security of the new Landlord and Tenant Act. I perceive great activity amongst the farming class already, and particularly in the building and repairing of farm-offices and dwelling-houses; and with the very many specimens of land improvement under the loans to be seen in every district, I have no doubt that our tenant-farmers will follow the example, and that thorough drainage will become more or less an item in the yearly outlay of most of them. Hitherto such works carried on by the occupiers (unless under covenant) have been very few and very far between.

HENRY BROOKS.

*County of Cork and part of Waterford.*

Cork, 8th February, 1871.

Since February, 1870, I have made thirty-six progress inspections, twenty-one of which were for drainage, fencing, and planting, and the remainder for buildings. In nearly all cases of loans of long standing the estimates have had to be increased for drainage and fencing, from the increase in the price of labour, and also for planting, as the prices of young trees have risen considerably. There have been six new cases of building farm offices and dwellings, and but five for drainage. Four of the building loans are extensive; the drainage but for small sums. The works, with few exceptions, were carried out in a most satisfactory manner. Proprietors do not seem inclined to expend much money in improvements until they see how the new Land Bill will affect them; this, with the scarcity of labour, which in most districts is very much felt, is another reason why so few are availing themselves of the benefits derived under the Act, which all express themselves satisfied with.

J. T. CORNWALL.

## APPENDIX C.

## LANDED PROPERTY IMPROVEMENT ACTS, 10th Vic. chap. 32, &amp;c.

SCHEDULE—Showing the Loans in progress, the Amount sanctioned and issued by Instalments, with the Date of the last Order to Issue, to 31st March, 1871.

## NORTHERN DISTRICT.

County.	Township.	Applicant.	Amount sanctioned.	Amount issued.	No. of Instalments issued.	Date of last Order to Issue.
			£ s. d.	£ s. d.		
Antrim.	Antrim, Lower, Kilmorey, Belfast, Upper.	Robert Wardlaw, . . . . .	885 0 0	885 0 0	5	18 July, 1871.
		Do., . . . . .	530 0 0	530 0 0	4	10 Jan., 1871.
		Viscount Templemore, . . . . .	3,200 0 0	1,710 0 0	4	20 Oct., 1870.
		Do., . . . . .	2,000 0 0	900 0 0	1	20 Jan., "
		James T. Gordon, . . . . .	810 0 0	0 0 0	3	20 Sept., "
		Do., . . . . .	345 0 0	45 0 0	1	8 Sept., "
Down.	Down, . . . . .	William Barclay, . . . . .	215 0 0	220 0 0	5	22 Jan., 1868.
		George Lord Glen Wagh, . . . . .	300 0 0	10 0 0	4	12 Nov., 1868.
	Kilmacross, . . . . .	Do., . . . . .	810 0 0	20 0 0	1	5 Jan., 1871.
		Abel J. H. Stewart, . . . . .	1,115 0 0	715 0 0	3	14 Mar., 1871.
		Do., . . . . .	4,000 0 0	600 0 0	1	30 July, 1868.
		Do., . . . . .	1,750 0 0	940 0 0	1	"
		Do., . . . . .	3,500 0 0	2,500 0 0	5	11 Mar., 1871.
		Do., . . . . .	9,500 0 0	500 0 0	1	30 July, 1868.
		Do., . . . . .	1,150 0 0	800 0 0	1	"
	Rathfriland, . . . . .	Francis Lifford, . . . . .	210 0 0	20 0 0	1	10 Jan., 1871.
		John Moffatt, . . . . .	800 0 0	40 0 0	1	25 April, 1868.
		Thomas Condy, . . . . .	1,500 0 0	500 0 0	2	2 April, 1870.
Fermanagh.	Knockree, . . . . .	John G. Irvine, . . . . .	1,350 0 0	1,350 0 0	5	3 Sept., 1868.
		Do., . . . . .	"	"	"	"
Tyrone.	Creeher, . . . . .	The Rev. W. S. Burrows, . . . . .	100 0 0	100 0 0	5	6 Dec., 1870.
		John Y. Fergus, . . . . .	500 0 0	320 0 0	3	22 Mar., "
	Donaghadee, Lower, . . . . .	George Victor Stuart, . . . . .	250 0 0	50 0 0	1	7 Oct., "
		The Earl of Chalmers, . . . . .	400 0 0	850 0 0	3	20 Jan., "
	Donaghadee, Middle, . . . . .	James S. Bolton, . . . . .	1,000 0 0	320 0 0	2	7 April, "
		Robert Wm. Long, . . . . .	2,000 0 0	930 0 0	1	7 Nov., "
	Do., . . . . .	Do., . . . . .	100 0 0	100 0 0	1	8 Feb., 1871.
		Do., . . . . .	100 0 0	100 0 0	1	22 April, 1868.
	Omagh, East, . . . . .	George F. McNeill, . . . . .	800 0 0	400 0 0	3	22 Nov., 1870.
		Do., . . . . .	100 0 0	400 0 0	3	22 Mar., "
	Strabane, Lower, . . . . .	The Rev. James Madison, . . . . .	500 0 0	500 0 0	10	18 April, "
		The Duke of Abercorn, . . . . .	2,010 0 0	1,700 0 0	3	20 May, "
Do., . . . . .	Strabane, Upper, . . . . .	Do., . . . . .	2,710 0 0	1,700 0 0	3	20 May, "
		John Wray, . . . . .	275 0 0	200 0 0	4	8 Nov., 1868.
	Do., . . . . .	Robert Scott, . . . . .	875 0 0	115 0 0	1	6 Oct., 1870.
		Do., . . . . .	"	"	"	"
Trossachs.	Castlemore, Lower, . . . . .	John Harrison, . . . . .	3,150 0 0	1,700 0 0	4	11 Mar., 1870.
		James C. Price, . . . . .	800 0 0	170 0 0	1	28 Jan., "
	Castlemore, Upper, . . . . .	Lord Dufferin and Clonsilla, . . . . .	680 0 0	590 0 0	4	20 Dec., 1868.
		Do., . . . . .	200 0 0	440 0 0	4	5 Jan., 1870.
	Knockree, . . . . .	William R. Field, . . . . .	720 0 0	600 0 0	4	5 Nov., "

## MIDLAND AND EASTERN DISTRICT.

Cambs.	Glebe, . . . . .	Lord Lygon, . . . . .	1,120 0 0	450 0 0	2	6 Sept., 1868.
		The Hon. and Rev. H. O'Brien, . . . . .	200 0 0	180 0 0	2	23 Jan., "
Hants.	Mantel, . . . . .	Gertrude Ross, . . . . .	3,600 0 0	2,000 0 0	4	17 May, 1870.
		Do., . . . . .	1,600 0 0	1,000 0 0	2	7 Jan., "
		The Rev. W. E. R. Woodroffe, . . . . .	400 0 0	400 0 0	5	24 Feb., "
Leicesters.	Ardagh, . . . . .	Michael Cole, . . . . .	100 0 0	50 0 0	5	28 Nov., 1870.
		John L. O'Farrell, . . . . .	440 0 0	585 0 0	3	15 Feb., 1871.
	Gonzard, . . . . .	S. A. D. Fitzgerald, . . . . .	800 0 0	160 0 0	1	14 Mar., "
		Henry R. Douglas, . . . . .	1,000 0 0	600 0 0	2	3 Mar., 1868.
	Longford, . . . . .	The Hon. L. H. K. Harman, . . . . .	3,100 0 0	800 0 0	5	24 Apr., 1871.
		Do., . . . . .	2,000 0 0	1,500 0 0	5	24 Apr., 1871.
	Do., . . . . .	Do., . . . . .	2,000 0 0	1,400 0 0	4	27 Jan., 1871.
		Edmond Dundas, . . . . .	870 0 0	1,200 0 0	5	9 June, 1870.
	Derby, . . . . .	The Hon. L. H. K. Harman, . . . . .	1,500 0 0	8,700 0 0	4	20 Dec., 1868.
		Do., . . . . .	2,000 0 0	500 0 0	4	35 Feb., 1870.
		W. F. Armstrong, . . . . .	750 0 0	475 0 0	2	12 Aug., "

(C.) Schedule showing the Loans in progress, the Amount sanctioned, &amp;c.—continued.

Amount G.

County.	Townp.	Applicant.	Amount sanctioned.	Amount raised.	Amount in loan.	Date of last Order for issue.	Landed Property Improvement Loans
			£ s. d.	£ s. d.	£ s. d.		
Lancashire.	Strake.	Dennis Smith.	150 0 0	150 0 0	0 0 0	11 Jan., 1871.	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	4 Feb., "	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	3 Feb., "	
		Lord Anson.	150 0 0	150 0 0	0 0 0	28 Mar., "	
		Edw. H. L. S. E. Harrison.	440 0 0	440 0 0	0 0 0	" "	
Meath.	Down, Lower.	M. F. Preston.	750 0 0	250 0 0	0 0 0	26 Mar., 1871.	
		George Rutherford.	250 0 0	250 0 0	0 0 0	22 Oct., 1869.	
		The Marquis of Londonderry.	250 0 0	250 0 0	0 0 0	22 Mar., 1871.	
		Lord Ashurst.	250 0 0	250 0 0	0 0 0	31 Jan., "	
		Jas. L. W. Hayes.	250 0 0	250 0 0	0 0 0	9 Dec., 1870.	
	Down, Upper.	William J. Smith.	250 0 0	250 0 0	0 0 0	4 12 May, "	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	15 Oct., "	
		The Marquis of Londonderry.	2,500 0 0	2,500 0 0	0 0 0	21 Sept., 1869.	
	Kells, Lower.	Nicholas H. Dyer.	1,000 0 0	250 0 0	0 0 0	3 Mar., "	
		John A. Farrell.	250 0 0	250 0 0	0 0 0	10 Aug., 1870.	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	20 Feb., 1871.	
	Lanes.	Michael Plunkett.	250 0 0	250 0 0	0 0 0	1 Jan., 1870.	
		Lord Ashurst.	250 0 0	250 0 0	0 0 0	15 May, 1868.	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	18 Sept., "	
	Shane, Lower.	William R. Smith.	250 0 0	250 0 0	0 0 0	11 Feb., 1870.	
		George G. Smith.	250 0 0	250 0 0	0 0 0	" "	
Wexford.	Fethard.	The Earl of Longford.	750 0 0	750 0 0	0 0 0	21 Feb., 1871.	
		Robert R. Smith.	250 0 0	250 0 0	0 0 0	15 Jan., 1870.	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	11 April, 1870.	
	Mayfield and Newborough.	Richard W. G. Loring.	150 0 0	150 0 0	0 0 0	20 Sept., "	
		Joseph T. T. T.	1,375 0 0	1,375 0 0	0 0 0	15 Feb., 1871.	
	Down, East.	Colonel Thomas W. Taylor.	1,000 0 0	600 0 0	0 0 0	26 Nov., 1870.	
		The Earl of Hertford.	250 0 0	250 0 0	0 0 0	28 Sept., "	
		Sir G. C. W. Dwyer, Bart.	250 0 0	250 0 0	0 0 0	20 Oct., "	
	Coblenz.	Edw. H. L. S. E. Harrison.	450 0 0	450 0 0	0 0 0	2 Feb., 1871.	
		Anna Dwyer.	250 0 0	250 0 0	0 0 0	18 Feb., 1870.	
		Charles C. Vasey.	250 0 0	250 0 0	0 0 0	18 Oct., 1870.	
	Newcastle.	Henry St. Leger B. Pender.	250 0 0	250 0 0	0 0 0	17 Feb., 1871.	
		Sir G. C. W. Dwyer, Bart.	250 0 0	250 0 0	0 0 0	28 Feb., "	
		William Rutherford.	250 0 0	250 0 0	0 0 0	10 Feb., 1870.	
	Rathdown.	Edw. H. L. S. E. Harrison.	450 0 0	450 0 0	0 0 0	10 Nov., "	
		Francis Pender.	250 0 0	250 0 0	0 0 0	" "	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	" "	
Upington.	Sle G. C. W. Dwyer, Bart.	Sir G. C. W. Dwyer, Bart.	800 0 0	150 0 0	0 0 0	15 Dec., "	
		The Marquis of Londonderry.	250 0 0	250 0 0	0 0 0	10 Mar., 1871.	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	" "	
	Down, East.	Colonel Thomas W. Taylor.	1,000 0 0	600 0 0	0 0 0	26 Nov., 1870.	
		The Earl of Hertford.	250 0 0	250 0 0	0 0 0	28 Sept., "	
		Sir G. C. W. Dwyer, Bart.	250 0 0	250 0 0	0 0 0	20 Oct., "	
	Coblenz.	Edw. H. L. S. E. Harrison.	450 0 0	450 0 0	0 0 0	2 Feb., 1871.	
		Anna Dwyer.	250 0 0	250 0 0	0 0 0	18 Feb., 1870.	
		Charles C. Vasey.	250 0 0	250 0 0	0 0 0	18 Oct., 1870.	
	Newcastle.	Henry St. Leger B. Pender.	250 0 0	250 0 0	0 0 0	17 Feb., 1871.	
Rathdown.	Sle G. C. W. Dwyer, Bart.	Sir G. C. W. Dwyer, Bart.	800 0 0	150 0 0	0 0 0	15 Dec., "	
		The Marquis of Londonderry.	250 0 0	250 0 0	0 0 0	10 Mar., 1871.	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	" "	
	Down, East.	Colonel Thomas W. Taylor.	1,000 0 0	600 0 0	0 0 0	26 Nov., 1870.	
		The Earl of Hertford.	250 0 0	250 0 0	0 0 0	28 Sept., "	
		Sir G. C. W. Dwyer, Bart.	250 0 0	250 0 0	0 0 0	20 Oct., "	
	Coblenz.	Edw. H. L. S. E. Harrison.	450 0 0	450 0 0	0 0 0	2 Feb., 1871.	
		Anna Dwyer.	250 0 0	250 0 0	0 0 0	18 Feb., 1870.	
		Charles C. Vasey.	250 0 0	250 0 0	0 0 0	18 Oct., 1870.	
	Newcastle.	Henry St. Leger B. Pender.	250 0 0	250 0 0	0 0 0	17 Feb., 1871.	
Rathdown.	Sle G. C. W. Dwyer, Bart.	Sir G. C. W. Dwyer, Bart.	800 0 0	150 0 0	0 0 0	15 Dec., "	
		The Marquis of Londonderry.	250 0 0	250 0 0	0 0 0	10 Mar., 1871.	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	" "	
	Down, East.	Colonel Thomas W. Taylor.	1,000 0 0	600 0 0	0 0 0	26 Nov., 1870.	
		The Earl of Hertford.	250 0 0	250 0 0	0 0 0	28 Sept., "	
		Sir G. C. W. Dwyer, Bart.	250 0 0	250 0 0	0 0 0	20 Oct., "	
	Coblenz.	Edw. H. L. S. E. Harrison.	450 0 0	450 0 0	0 0 0	2 Feb., 1871.	
		Anna Dwyer.	250 0 0	250 0 0	0 0 0	18 Feb., 1870.	
		Charles C. Vasey.	250 0 0	250 0 0	0 0 0	18 Oct., 1870.	
	Newcastle.	Henry St. Leger B. Pender.	250 0 0	250 0 0	0 0 0	17 Feb., 1871.	
Rathdown.	Sle G. C. W. Dwyer, Bart.	Sir G. C. W. Dwyer, Bart.	800 0 0	150 0 0	0 0 0	15 Dec., "	
		The Marquis of Londonderry.	250 0 0	250 0 0	0 0 0	10 Mar., 1871.	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	" "	
	Down, East.	Colonel Thomas W. Taylor.	1,000 0 0	600 0 0	0 0 0	26 Nov., 1870.	
		The Earl of Hertford.	250 0 0	250 0 0	0 0 0	28 Sept., "	
		Sir G. C. W. Dwyer, Bart.	250 0 0	250 0 0	0 0 0	20 Oct., "	
	Coblenz.	Edw. H. L. S. E. Harrison.	450 0 0	450 0 0	0 0 0	2 Feb., 1871.	
		Anna Dwyer.	250 0 0	250 0 0	0 0 0	18 Feb., 1870.	
		Charles C. Vasey.	250 0 0	250 0 0	0 0 0	18 Oct., 1870.	
	Newcastle.	Henry St. Leger B. Pender.	250 0 0	250 0 0	0 0 0	17 Feb., 1871.	
Rathdown.	Sle G. C. W. Dwyer, Bart.	Sir G. C. W. Dwyer, Bart.	800 0 0	150 0 0	0 0 0	15 Dec., "	
		The Marquis of Londonderry.	250 0 0	250 0 0	0 0 0	10 Mar., 1871.	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	" "	
	Down, East.	Colonel Thomas W. Taylor.	1,000 0 0	600 0 0	0 0 0	26 Nov., 1870.	
		The Earl of Hertford.	250 0 0	250 0 0	0 0 0	28 Sept., "	
		Sir G. C. W. Dwyer, Bart.	250 0 0	250 0 0	0 0 0	20 Oct., "	
	Coblenz.	Edw. H. L. S. E. Harrison.	450 0 0	450 0 0	0 0 0	2 Feb., 1871.	
		Anna Dwyer.	250 0 0	250 0 0	0 0 0	18 Feb., 1870.	
		Charles C. Vasey.	250 0 0	250 0 0	0 0 0	18 Oct., 1870.	
	Newcastle.	Henry St. Leger B. Pender.	250 0 0	250 0 0	0 0 0	17 Feb., 1871.	
Rathdown.	Sle G. C. W. Dwyer, Bart.	Sir G. C. W. Dwyer, Bart.	800 0 0	150 0 0	0 0 0	15 Dec., "	
		The Marquis of Londonderry.	250 0 0	250 0 0	0 0 0	10 Mar., 1871.	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	" "	
	Down, East.	Colonel Thomas W. Taylor.	1,000 0 0	600 0 0	0 0 0	26 Nov., 1870.	
		The Earl of Hertford.	250 0 0	250 0 0	0 0 0	28 Sept., "	
		Sir G. C. W. Dwyer, Bart.	250 0 0	250 0 0	0 0 0	20 Oct., "	
	Coblenz.	Edw. H. L. S. E. Harrison.	450 0 0	450 0 0	0 0 0	2 Feb., 1871.	
		Anna Dwyer.	250 0 0	250 0 0	0 0 0	18 Feb., 1870.	
		Charles C. Vasey.	250 0 0	250 0 0	0 0 0	18 Oct., 1870.	
	Newcastle.	Henry St. Leger B. Pender.	250 0 0	250 0 0	0 0 0	17 Feb., 1871.	
Rathdown.	Sle G. C. W. Dwyer, Bart.	Sir G. C. W. Dwyer, Bart.	800 0 0	150 0 0	0 0 0	15 Dec., "	
		The Marquis of Londonderry.	250 0 0	250 0 0	0 0 0	10 Mar., 1871.	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	" "	
	Down, East.	Colonel Thomas W. Taylor.	1,000 0 0	600 0 0	0 0 0	26 Nov., 1870.	
		The Earl of Hertford.	250 0 0	250 0 0	0 0 0	28 Sept., "	
		Sir G. C. W. Dwyer, Bart.	250 0 0	250 0 0	0 0 0	20 Oct., "	
	Coblenz.	Edw. H. L. S. E. Harrison.	450 0 0	450 0 0	0 0 0	2 Feb., 1871.	
		Anna Dwyer.	250 0 0	250 0 0	0 0 0	18 Feb., 1870.	
		Charles C. Vasey.	250 0 0	250 0 0	0 0 0	18 Oct., 1870.	
	Newcastle.	Henry St. Leger B. Pender.	250 0 0	250 0 0	0 0 0	17 Feb., 1871.	
Rathdown.	Sle G. C. W. Dwyer, Bart.	Sir G. C. W. Dwyer, Bart.	800 0 0	150 0 0	0 0 0	15 Dec., "	
		The Marquis of Londonderry.	250 0 0	250 0 0	0 0 0	10 Mar., 1871.	
		Edw. H. L. S. E. Harrison.	250 0 0	250 0 0	0 0 0	" "	
	Down, East.	Colonel Thomas W. Taylor.	1,000 0 0	600 0 0	0 0 0	26 Nov., 1870.	
		The Earl of Hertford.	250 0 0	250 0 0	0 0 0	28 Sept., "	
		Sir G. C. W. Dwyer, Bart.	250 0 0	250 0 0	0 0 0	20 Oct., "	
	Coblenz.	Edw. H. L. S. E. Harrison.	450 0 0	450 0 0	0 0 0	2 Feb., 1871.	
		Anna Dwyer.	250 0 0	250 0 0	0 0 0	18 Feb., 1870.	
		Charles C. Vasey.	250 0 0	250 0 0	0 0 0	18 Oct., 1870.	
	Newcastle.	Henry St. Leger B. Pender.	250 0 0	250 0 0	0 0 0	17 Feb., 1871.	

Appendix C.

(C.) Schedule showing the Loans in progress, the Amount sanctioned, &amp;c.—continued.

County.	Barony.	Applicant.	Amount sanctioned.	Amount raised.	No. of Freehold Acres.	Date of last Order to Issue.
Wicklow.	Arklow.	The Earl of Wicklow.	£ 450 0 0	£ 575 0 0	3	—
		Robert C. Webb and the Hon. Catherine M. T. Webb.	1,700 0 0	950 0 0	3	14 Sep., 1870.
	Enniscorthy, North.	William T. R. Baskley.	450 0 0	150 0 0	1	12 Aug., "
		George Baskley.	600 0 0	360 0 0	3	28 Oct., "
	Wexford.	Mr John Edmunds, Bart., and Lady Louisa Edmunds.	920 0 0	180 0 0	1	21 Dec., 1868.
Carlow.	Tullamore, Lower.	The Right Hon. W. F. Capen.	1,800 0 0	1,000 0 0	5	21 Nov., 1870.
		Richard B. Hudson.	260 0 0	100 0 0	2	13 Mar., 1871.
	Tullamore, Upper.					
	Carlow.	Edmund Morris.	250 0 0	50 0 0	1	1 Aug., 1870.
Kilkenny.	Killeshin, East.	M. W. F. Woodcock.	800 0 0	600 0 0	5	26 Apr., 1868.
		Henry Brown.	1,300 0 0	1,140 0 0	3	17 Jan., 1868.
	Killeshin, West.	John Alexander.	500 0 0	25 0 0	1	27 Aug., 1870.
	Knocktopher.	Sir James Langrish, Bart.	600 0 0	500 0 0	5	21 Jan., 1870.
Wexford.	Ballykeest.	Salomon A. Richards.	450 0 0	350 0 0	4	20 Aug., 1870.
		Idem.	450 0 0	300 0 0	4	4 Nov., 1868.
	Boreenahilly.	Thomas Bradwell.	360 0 0	40 0 0	1	26 Jan., 1871.
		Idem.	100 0 0	20 0 0	1	" "
	Shelburne.	Charles Tottenham.	1,000 0 0	400 0 0	5	" "
Shelburne, West.	Shelburne, West.	Lord Tottenham.	1,000 0 0	600 0 0	4	12 Jan., 1870.
		Frederic A. Leigh.	70 0 0	450 0 0	2	" "
	Shelburne, West.					
	Shelburne, West.					

## WESTERN DISTRICT.

Surrey.	Dartford.	Charles Tottenham.	350 0 0	200 0 0	4	10 May, 1870.
		General Fitzroy, Commander of the estate of R. G. Walker.	300 0 0	240 0 0	4	20 Dec., "
		Abraham Powell.	150 0 0	150 0 0	5	11 Nov., "
		Robert Orme.	500 0 0	500 0 0	3	—
		Idem.	700 0 0	700 0 0	5	23 April, 1870.
Thames.	Thames.	Charles Tottenham.	400 0 0	320 0 0	4	24 Mar., 1871.
		Robert Orme.	350 0 0	100 0 0	2	21 Dec., 1868.
		Hugh M. Thomas.	300 0 0	180 0 0	4	20 Nov., "
		Robert Orme.	450 0 0	370 0 0	5	12 July, "
		Lieutenant-General R. H. Cooper.	1,500 0 0	500 0 0	1	7 July, "
Kent.	Canterbury.	Idem.	4,130 0 0	560 0 0	1	26 Sept., "
Kent.	Canterbury.	The National Building Company.	2,000 0 0	1,500 0 0	4	—
		Idem.	500 0 0	360 0 0	3	—
		Lord Gessner.	2,000 0 0	1,500 0 0	5	—
		A. G. Larnard.	110 0 0	30 0 0	2	—
		Benjamin H. Brown.	450 0 0	240 0 0	3	—
Kent.	Canterbury.	John Carey.	500 0 0	400 0 0	1	30 Nov., 1870.
		George Orme Midgley.	1,000 0 0	260 0 0	1	5 July, 1870.
		George Orme.	1,000 0 0	450 0 0	2	20 July, "
		Robert Orme.	450 0 0	50 0 0	1	3 May, "
		John C. Wank.	450 0 0	50 0 0	1	—
Kent.	Canterbury.	The Rev. James Godley.	600 0 0	480 0 0	4	—
		John A. La Touche.	700 0 0	240 0 0	1	2 Feb., 1868.
		Idem.	170 0 0	160 0 0	4	—
		General J. J. Whyte.	2,000 0 0	2,000 0 0	5	17 May, 1870.
		The Earl of Albemarle.	2,000 0 0	400 0 0	5	20 April, 1868.
Kent.	Canterbury.	William R. Le Veneur.	600 0 0	450 0 0	4	19 May, 1870.
		Charles Lane.	175 0 0	100 0 0	2	4 Feb., "
		Charles R. Wright.	450 0 0	270 0 0	3	13 Oct., "
		William R. Le Veneur.	145 0 0	35 0 0	1	20 Feb., "
		Hugh O'Shaughnessy.	2,000 0 0	500 0 0	2	8 Mar., 1870.
Kent.	Canterbury.	John H. Ellis.	600 0 0	330 0 0	2	12 Oct., 1867.
		John Wray Mitchell.	170 0 0	150 0 0	5	14 July, 1870.
		Lord Gessner.	250 0 0	180 0 0	5	5 April, "
		John C. Carey.	200 0 0	200 0 0	5	12 Oct., "
		John Gessner.	600 0 0	500 0 0	5	22 Dec., "
Kent.	Canterbury.	James W. Giff.	100 0 0	25 0 0	1	20 Aug., 1871.
		James O'Shaughnessy.	100 0 0	20 0 0	1	10 May, 1871.
		John W. Gessner.	200 0 0	500 0 0	3	11 April, 1867.
		Patrick H. O'Shaughnessy.	200 0 0	200 0 0	2	20 Aug., 1868.
		Charles R. O'Shaughnessy.	1,600 0 0	1,600 0 0	6	1 Oct., 1868.
Kent.	Canterbury.	Idem.	5,000 0 0	1,400 0 0	4	26 Aug., 1870.
		Henry Trafts Ferrell.	250 0 0	500 0 0	5	21 Feb., 1871.
		Charles R. O'Shaughnessy.	1,000 0 0	600 0 0	4	20 Dec., 1870.

(C.) Schedule showing the Loans in progress, the Amount sanctioned, &amp;c.—continued.

Appendix C.

County.	Barony.	Applicant.	Amount sanctioned.	Amount raised.	Per Cent. raised.	Date of last Order to Issue.	Landed Property Improvement Loans.
Down—con.	Boyle, . . .	The Earl of Kingston, . . .	£ 400 0 0	£ 50 0 0	1	23 July, 1870.	
		The O'Connor Don, . . .	500 0 0	100 0 0	2	—	
		H. B. Robinson, . . .	400 0 0	400 0 0	1	23 Aug., 1870.	
		Travers B. Mackley, . . .	300 0 0	300 0 0	4	11 Sept., "	
		Thomas G. W. Jansfield, . . .	1,500 0 0	400 0 0	3	1 Sept., "	
	Frenchpark, . . .	Patrick Baly, . . .	500 0 0	100 0 0	1	20 Sept., "	
		Henry Taaffe Fennell, . . .	300 0 0	100 0 0	2	27 June, "	
		John G. Chase, . . .	500 0 0	100 0 0	3	18 Aug., "	
		H. B. P. Mahon, . . .	700 0 0	700 0 0	3	10 June, 1871.	
		—	—	—	—	—	
Galway, . . .	Adewey, . . .	John A. Dely, . . .	300 0 0	100 0 0	4	20 June, 1869.	
		John L. Baget, . . .	1,000 0 0	1,000 0 0	5	31 May, "	
		Daniel O'Connell Flynnch, . . .	100 0 0	100 0 0	5	5 Feb., "	
		Charles D. O'Brien, . . .	400 0 0	300 0 0	5	10 Sept., 1870.	
		St. George Confield, . . .	400 0 0	300 0 0	6	22 April, "	
	Clare, . . .	Michael Kelly, . . .	300 0 0	20 0 0	1	9 Sept., "	
		Thomas Kyre Lambert, . . .	400 0 0	300 0 0	5	19 Oct., 1869.	
		—	700 0 0	700 0 0	5	19 April, 1870.	
		Denis Kavanagh, . . .	300 0 0	100 0 0	3	5 Oct., "	
		—	700 0 0	100 0 0	1	4 June, "	
	Cheshamstown, . . .	—	700 0 0	700 0 0	5	25 June, "	
		Frederic L. Conroy, . . .	300 0 0	240 0 0	4	14 Feb., 1869.	
		—	350 0 0	100 0 0	5	30 Mar., 1868.	
		Valentine and Sir T. F. Riada, Bart., . . .	800 0 0	300 0 0	5	10 Aug., 1870.	
		—	500 0 0	100 0 0	1	9 Sept., "	
	Edwards, . . .	—	400 0 0	300 0 0	3	28 Aug., "	
		—	100 0 0	80 0 0	1	26 Feb., "	
		—	200 0 0	100 0 0	3	9 Dec., "	
		—	200 0 0	100 0 0	3	20 Nov., "	
		—	300 0 0	100 0 0	2	28 July, "	
	Kilkee, . . .	—	200 0 0	100 0 0	2	25 Feb., 1871.	
		—	300 0 0	300 0 0	5	20 July, 1870.	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
Mayo, . . .	Mayo, . . .	—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
	Edwards, . . .	—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
	Longford, . . .	—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
	Longshaws, . . .	—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
Sligo, . . .	Sligo, . . .	—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
	Sligo, . . .	—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
	Sligo, . . .	—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
	Sligo, . . .	—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
Sligo, . . .	Sligo, . . .	—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
	Sligo, . . .	—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
	Sligo, . . .	—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
	Sligo, . . .	—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	
		—	500 0 0	300 0 0	5	—	

## SOUTHERN DISTRICT.

Limerick, . . .	Clonsilla, . . .	Deveraux Colonel R. T. Clinton, . . .	500 0 0	100 0 0	2	17 Aug., 1870.	
		Daniel P. Gahan, . . .	300 0 0	100 0 0	3	27 Nov., 1869.	
		Richard J. Gahan, . . .	300 0 0	100 0 0	4	17 Jan., 1871.	
		—	500 0 0	100 0 0	1	11 Mar., "	
		—	1,000 0 0	1,000 0 0	5	17 Jan., "	
	Clonsilla, Lower, . . .	John King, . . .	100 0 0	20 0 0	1	25 Feb., "	
		John King, . . .	400 0 0	100 0 0	3	18 Feb., 1869.	
		—	200 0 0	100 0 0	3	6 June, 1870.	
		—	400 0 0	100 0 0	4	12 Aug., "	
		—	4,000 0 0	1,000 0 0	2	10 Nov., "	
	Clonsilla, Upper, . . .	Henry A. B. Pagan, . . .	100 0 0	80 0 0	4	4 Dec., 1869.	
		—	300 0 0	100 0 0	4	16 May, 1870.	
		—	5,000 0 0	1,000 0 0	5	11 Jan., 1871.	
		—	2,000 0 0	1,000 0 0	5	—	
		—	300 0 0	400 0 0	4	26 Oct., 1870.	
	Clonsilla, . . .	—	1,000 0 0	1,000 0 0	10	—	
		—	300 0 0	300 0 0	4	24 Aug., "	
		—	300 0 0	100 0 0	5	—	
		—	300 0 0	100 0 0	5	—	
		—	300 0 0	100 0 0	5	—	
	Clonsilla, . . .	—	300 0 0	100 0 0	5	—	
		—	300 0 0	100 0 0	5	—	
		—	300 0 0	100 0 0	5	—	
		—	300 0 0	100 0 0	5	—	
		—	300 0 0	100 0 0	5	—	

## APPENDIX C.

(C.) Schedule showing the Loans in progress, the Amount sanctioned, &amp;c.—continued.

County.	Barony.	Applicant.	Amount sanctioned.	Amount loaned.	No. of Loans made.	Date of last Order to loan.
			£ s. d.	£ s. d.		
Lancaster-est.	Shanli.	Thomas E. Roche, . . . . .	1,500 0 0	1,500 0 0	4	20 Dec., 1870.
		Edward W. O'Brien, . . . . .	1,500 0 0	1,500 0 0	2	21 Mar., 1871.
		Jonathan H. Macey, . . . . .	500 0 0	500 0 0	2	15 Feb., 1870.
		The Knight of Gl., . . . . .	1,500 0 0	110 0 0	1	18 Oct., 1870.
		Idem, . . . . .	500 0 0	100 0 0	1	"
	Small County.	Major George Gledin, . . . . .	300 0 0	100 0 0	2	3 Aug., "
		Idem, . . . . .	300 0 0	100 0 0	2	"
	Trenawar.	George Henry Denoon, . . . . .	400 0 0	340 0 0	2	25 Feb., 1869.
		Idem, . . . . .	450 0 0	90 0 0	1	4 Mar., 1871.
		Robert Lee, . . . . .	1,500 0 0	650 0 0	2	4 Jan., "
		William Shear, . . . . .	800 0 0	310 0 0	1	8 Feb., 1871.
		George Lefevre, . . . . .	300 0 0	40 0 0	1	4 Feb., 1870.
		David Kibbide, . . . . .	300 0 0	40 0 0	1	4 Feb., 1870.
		Edward M. Armstrong, . . . . .	1,200 0 0	1,500 0 0	2	24 May, "
		John Wm. Cooke, . . . . .	100 0 0	90 0 0	4	5 May, "
		Idem, . . . . .	100 0 0	100 0 0	2	23 July, "
		Henry Dwyer, . . . . .	100 0 0	200 0 0	2	3 Feb., 1870.
Down.	Down, Lower.	John Farren, . . . . .	500 0 0	300 0 0	2	19 "
		Robert G. Brown, . . . . .	600 0 0	340 0 0	2	"
		Idem, . . . . .	600 0 0	340 0 0	2	"
	Down, Upper.	Robert G. Brown, . . . . .	600 0 0	340 0 0	2	"
		Idem, . . . . .	600 0 0	340 0 0	2	"
		Idem, . . . . .	600 0 0	340 0 0	2	"
	Down, West.	Robert G. Brown, . . . . .	600 0 0	340 0 0	2	"
		Idem, . . . . .	600 0 0	340 0 0	2	"
		Idem, . . . . .	600 0 0	340 0 0	2	"
	Down, East.	Robert G. Brown, . . . . .	600 0 0	340 0 0	2	"
		Idem, . . . . .	600 0 0	340 0 0	2	"
		Idem, . . . . .	600 0 0	340 0 0	2	"
Dun.	Dun, East/W.D.	The Earl of Bedford, . . . . .	100 0 0	100 0 0	2	22 July, 1870.
		Richard H. Maudslayi, . . . . .	100 0 0	100 0 0	2	9 May, "
		Robert Maudslayi, . . . . .	100 0 0	60 0 0	2	8 "
	Dun, West/W.D.	Elizabeth M. Weylan, . . . . .	300 0 0	180 0 0	2	20 Jan., 1870.
		Idem, . . . . .	300 0 0	180 0 0	2	"
		Idem, . . . . .	300 0 0	180 0 0	2	"
	Dun, East/W.D.	Henry L. Young, . . . . .	400 0 0	240 0 0	2	12 Feb., 1871.
		Edmund H. Scarsfield, . . . . .	700 0 0	140 0 0	1	19 Feb., 1870.
		Thomas Foran, . . . . .	800 0 0	810 0 0	2	5 Dec., 1870.
	Dun, West/W.D.	Sir George O. Colclough, Bart., . . . . .	1,000 0 0	1,000 0 0	2	6 May, 1869.
Dun.	Dun, East/W.D.	The Earl of Cork and Orrery, . . . . .	200 0 0	150 0 0	2	22 June, 1869.
		Idem, . . . . .	150 0 0	150 0 0	2	9 Sept., 1869.
		Sir W. P. P. . . . .	100 0 0	200 0 0	4	"
	Dun, West/W.D.	Sir George O. Colclough, Bart., . . . . .	1,000 0 0	800 0 0	2	"
		Idem, . . . . .	450 0 0	300 0 0	2	"
		Idem, . . . . .	300 0 0	100 0 0	2	"
	Dun, East/W.D.	Daniel G. Bantable, . . . . .	100 0 0	100 0 0	2	9 May, 1870.
		Charles Margaret Nash, . . . . .	150 0 0	100 0 0	2	12 Jan., "
		Arthur Langford, . . . . .	150 0 0	100 0 0	2	24 Aug., "
Dun.	Dun, East/W.D.	Thomas P. . . . .	240 0 0	15 0 0	2	9 Sept., "
		William Smith, . . . . .	400 0 0	10 0 0	2	22 Nov., "
		Richard Smith, . . . . .	400 0 0	10 0 0	2	3 Aug., 1869.
	Dun, West/W.D.	William Collins, . . . . .	100 0 0	100 0 0	2	18 Feb., 1871.
		James Macnamara, . . . . .	300 0 0	80 0 0	2	21 May, "
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1870.
	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
Dun.	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, West/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
Dun.	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, West/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
Dun.	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, West/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
Dun.	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, West/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
Dun.	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, West/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
Dun.	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, West/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
Dun.	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, West/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
Dun.	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, West/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
Dun.	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, West/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
Dun.	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, West/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
	Dun, East/W.D.	John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .	100 0 0	100 0 0	2	12 Oct., 1871.
		John P. . . . .				



(C.) Schedule showing the Loans in progress, the Amount sanctioned, &amp;c.—continued.

Appendix C.

County.	Barony.	Applicant.	Amount sanctioned.		Amount loaned.	No. of acres loaned.	Date of last Order to loan.	Landed Property Improvement Loans.
			£	s.	£	s.		
KERRY—cont.	Corkagillybeg.	Samuel M. Hickey, . . . .	500	0	0	0	3	—
		Lord Ventry, . . . . .	700	0	0	0	4	24 Decr., 1871.
		Francis G. Ward, . . . .	1,800	0	0	1,500	0	4 28 Feb., 1869.
		Richard Mahony, . . . .	1,200	0	0	120	0	0 28 Oct., 1868.
		Francis C. Ward, . . . .	400	0	0	350	0	0 27 Nov., 1870.
	Dunkerron, South.	David O'Sullivan, . . . .	400	0	0	100	0	0 26 Feb., 1870.
		Thomas E. Sullivan, . . .	200	0	0	200	0	0 28 March, "
		Doan, . . . . .	400	0	0	320	0	4 —
		Francis G. Ward, . . . .	1,100	0	0	440	0	0 26 Feb., 1870.
		Idaho, . . . . .	500	0	0	300	0	0 28 Feb., "
	Glacowright.	Francis R. Sweeney, . . .	200	0	0	200	0	0 24 Feb., 1871.
		William O'Connell, . . .	5,000	0	0	1,000	0	0 —
		Stephen E. Collins, . . .	100	0	0	100	0	5 6 Oct., 1869.
		Robert Leslie, . . . . .	500	0	0	500	0	2 30 Mar., 1871.
		Edward L. Sargy, . . . .	500	0	0	150	0	1 27 Decr., 1868.
	Dunbeg.	James McGil Magill, . . .	300	0	0	200	0	1 24 Sept., 1870.
		James Butler, . . . . .	500	0	0	440	0	4 7 Oct., 1868.
		The Knight of Kerry, . .	4,000	0	0	300	0	1 30 May, 1868.
		Idaho, . . . . .	1,400	0	0	300	0	0 2 Oct., 1870.
		James Butler, . . . . .	675	0	0	400	0	0 3 Nov., 1870.
	Maguilly.	Veronica Gaudron, . . .	1,000	0	0	1,000	0	5 12 June, 1869.
		Idaho, . . . . .	8,000	0	0	2,000	0	0 22 Nov., 1869.
		Francis B. O'Connell, . .	2,100	0	0	500	0	0 2 Decr., 1870.
		Samuel M. Hickey, . . .	300	0	0	30	0	0 20 Nov., 1867.
		Laurelford Park, . . . .	300	0	0	0	0	4 31 Jan., 1870.
Finghazany.		Robert C. McKee, . . . .	400	0	0	320	0	4 9 Sept., 1870.
		John F. O'Connell, . . . .	375	0	0	375	0	0 27 June, 1871.
		Francis B. O'Connell, . .	1,700	0	0	340	0	1 5 Sept., 1869.
		Mary Anne Walker, . . .	2,000	0	0	500	0	0 25 May, 1870.
		Thomas H. O'Connell, . .	200	0	0	150	0	0 18 July, 1870.
		Richard H. O'Connell, . .	200	0	0	80	0	1 26 Nov., 1870.

By order,

E. HOSKINS, Secretary.

Office of Public Works, Dublin,  
1871.

## APPENDIX D.

## APPENDIX D.

## INLAND NAVIGATIONS AND HARBOUR.

Report of Mr.  
Robert Adams,  
Inspector.EXTRACTS FROM REPORT OF MR. ROBERT ADAMS, Inspector, on the STATE of the TYRONE NAVIGATION,  
For the year ending 31st of March, 1871.

Cool Island, 8th March, 1871.

SIR,—The works executed on the Tyrone Navigation during the past year, have been limited merely to the repairs incidental to its maintenance, viz., repairs of the towing-path, which is about two-thirds worn, cleaning out lock drains, repairs of the roadway of wharf and quay; also, pulling several places of the canal banks (7th level). Pointing the sides of six locks with cement; one new swing-beam for deep gate, No. 1 lock; one new swing-beam, and two sets of sluice mountings for deep gate No. 4 lock, and repairs to breast-gates of Nos. 2 and 5 locks. Surveying, cleaning, and creating the gates of seven locks, with prepared for; repairs to lock-keepers, and regulating sluice-keepers' houses, lime-washing the boundary walls of

stone yard and wharf; painting the iron balustrading on the north side of locks; repairs to the piers of Nos. 3 and 4 turnpike gates; repairs to the roof of the Road's workshop; dragging weeds out of the entire canal, and the removal of nearly eight yards of silt out of the basin.

This navigation is now in good working order, but I regret to say the removal of weeds from the canal still continues a source of considerable expense.

I have the honour to be, sir,

Your most obedient servant,

ROBERT ADAMS, C.E.

The Secretary, Board of Public Works.

Report of Mr.  
P. J. Doon,  
Superintendent.

EXTRACTS FROM REPORT OF MR. P. J. DOON, Superintendent, on the STATE of the LOWER BOYNE NAVIGATION. For the Year ending 31st March, 1871.

I, St. Catherine's-Quay, Drogheda,  
26th March, 1871.

SIR,—In compliance with your letter of the 6th inst, I beg to forward report of the state of the works on this navigation for the year ending 31st March, 1871.

River wall, Ballagrove.

The dry-stone facing of towing-path along Ballagrove on river side has stood the winter floods and high tides during the year very well, only a few branches have given way, and some slight surface damages have taken place, consequent upon fallure of stone facing, all of which can be put into thorough repair during the summer season.

Oldbridge Station and Lock-house.

This station is in a very fair state of repair, two of the outoffice buildings have been thatched, the lock-keeper's house is in good repair, but some slight works are required in office, and a new iron wicket gate for front entrance; the lock-gates are in good working order.

Oldbridge Guard-lock gates.

The Oldbridge guard-lock gates are in a very bad state of repair, but new breast-gates have been ordered, the contractors have sunk in beams, and they will be erected during the coming fine season.

Stallion Station and Lock-house.

The lock-house is in tolerable fair order and clean. Some slight repairs are required on outside, and also to floor inside; the lock-gates are in very fair order, a new piston has been put in for hoisting sluice, and heaving iron when wanting under footboards.

Stallion Guard-lock.

The sheetings of breast and tail gates are around in spots, new bearing beams have been put in under footboards where wanting, and a new swing-beam has been supplied to north-east tail gate, in place of old beam which failed.

Brose Station and Lock-house.

Two submerged beaks have been cut away and sunk sufficiently low for the helms to float over them; they were a great interruption to the boats entering the guard-lock on the south side of the river, and on the north side entering the chamber of Brose lock. The towing path at this station has been improved, and three new mooring stals have been fixed where wanting; the lock-house has been thoroughly cleaned and whitened. One of the sluices on breast-gate requires new iron slide-bar, the present slide bars are not sufficiently wide, which allows the sluice to get out of

its place and become disarranged, frequently causing great inconvenience to the trading boats; a new boat has been placed on this station for taking lines, &c., across the river, to replace old boat worn out.

Brose Guard-lock.

The sheetings of these gates are very unsound, and two new swing-beams will be required to be supplied for these gates, in place of the old beams, which are in a very bad state of decay, and the gates will require to be raised and repaired; the banks along this cut of the canal have sustained some slight surface injuries during the winter season from the overflowing of some of the extraordinary high floods.

Ressources Station and Lock-house.

The lock-gates at this station are in perfect working order, but the lock-keepers house requires some slight repairs to windows and floor of kitchen.

Mill Lock, Slieve.

A new swing-beam will be required to be supplied to one of the gates at this lock in place of an old beam which is much decayed, otherwise the works are in fair repair.

Castle Lock, Station, and Lock-house.

The lock-house at this station is in very fair order, the care of which is being much improved by the removal of a gravel bank which overhung the back of the house; the staff taken from this bank is being used for the repairs of the towing-path, which, when finished, will be a very great improvement on this portion of the line. The lock gates have not sustained any further decay since my last report, but they are not in a very sound state of repair.

All the bridges crossing the canal require repairs to the supports and copings on stone, and the road surfaces over each require to be darned and repaired; the towing-paths generally along the line requires some surface repairs.

The shoal places in the bed of the canal and river have not become worse since my last report; new mooring stals are being fixed in every case where wanting along the line in place of the old decayed stals.

All the lock gates along the line have been scraped, prepared, and properly tarred during the fine season, the weeds in the several cuts of the canal and in the river, have been regularly cut during the year, and the trade facilitated in every possible way.

I am, sir, your obedient servant,

P. J. Doon, Superintendent.

The Secretary, Board of Public  
Works, Dublin.

EXTRACTS FROM REPORT OF MR. ROBERT MANNING, M. INST. C.E., ON PIERS AND HARBOURS. For the year ending 31st of March, 1871.

Appendix D.

Report of Mr. Robert Manning, M. Inst. C.E.

#### HARBOURS.

##### *Kingsmen Harbour, County Dublin.*

During the past year the works of this harbour have been maintained in good order. The damage done by the storm of February, 1870, mentioned in my last report, has been partly made good. A small force of men has been constantly employed in repairing the sea slope of the east pier and the wharf wall of the west pier. The repairs made at the west pier head have protected it from further injury, and funds having been provided, it will be repaired in a permanent manner during the current year.

The steam dredger has been at work in deepening the harbour, principally abreast of Victoria Wharf, at which H.M. troop ships now lie afloat at low water. A powerful steam crane has been erected for loading the dredged material. One iron barge of 60 tons burthen has been delivered; two others are in course of construction; twelve waggons have been made (in the workshops) for removing the excavation, and it is anticipated that during the present season considerable progress will be made with this work.

##### *Roseth Harbour, County Dublin.*

The works of this harbour are in good order. The removal of the rocks from the bed of the harbour, for which a sum of £1,600 was voted, has been finished, the amount expended being about £38 under that of the vote.

Breakers in the sea slope of the eastern pier have been made good, to the extent of 10,000 square feet, and other parts of the slope repaired.

The faces of both east and west wharves, including jetties and stairs, have been put in a thorough state of repair.

##### *Dunaghadan Harbour, County Down.*

The works of this harbour suffered considerable damage from gales of wind. One which occurred on the 12th October lost from S.E. and S. destroyed about 180 feet in length of Leman's wharf, injured the sea pavements of both north and south piers, and made a small breach in the pier head back of the lighthouse. This latter was at once secured; the repairs to sea pavement are still in progress.

##### *Dunmore Harbour, County Waterford.*

The works performed at this harbour during the past year were—*I.* The repairs of the stone basin at the mouth of the harbour, which was injured by collision. *II.* The removal of an old wharf, which was of no use, and was an obstacle to the berthing of the smaller class of fishing boats. *III.* The usual works of maintenance.

In consequence of the small sum voted for this harbour I was unable to do anything towards repairing the damage to the sea slope already specially reported on, but the balance of the funds provided was, at the end of the financial year, applied to the purchase of the necessary plant and materials, and these repairs (to the utmost extent of the funds provided for maintenance) will be proceeded with during the present year. Traverses, drawing as much as 11 feet water, now frequent the harbour, and complaints are made of the insufficient depth at low water.

#### FINNEY'S PIERS AND HARBOURS.

##### *Lady Elizabeth's Cove Pier, near Tramore, County Waterford.*

The works have been completed, and the award made in this case.

##### *Loughgarra Boat-slip, Ardsmore, County Donegal.*

Mr. Charley says that "the works at Loughgarra boat-slip, which were in an advanced state this time last year, have since been completed. There have been several severe storms during the past year—and, on the 1st of May, was stated to have been the most severe known to the oldest inhabitant; but the work, although not then completed, sustained no serious damage. 'The slip' has already proved of great use to the islanders."

##### *Bantry Pier, County Cork.*

A settlement has taken place at the outer end of this pier, and part of the work having failed, the contractor has been called on to make it good.

##### *Pouros East, County Waterford.*

The contractor has made good progress with the works during the year, and it is expected they will be completed about the 1st of June next.

##### *Kilkee Harbour, County Down.*

The works of this harbour are finished, with the exception of a groin at the north side of entrance and excavation in the docks.

##### *Enniskillen Harbour, near Clifton, County Galway.*

The works are completed, and the award made.

##### *Ballycastle Boat-slip, County Antrim.*

The improvement of the entrance to this harbour, by the excavation of rock and removal of loose stones, has been finished, and the award made.

##### *Spillish Pier, County Galway.*

A settlement occurred at the pier head, which has been made good, and there now remains to be done some rock excavation in the harbour, and the formation of a groin at the entrance. The work will (it is expected) be completely finished within a month.

In his report of 3rd April last, the overseer in charge says, "With reference to gales of wind (and their effects) which have occurred during the year, I beg to say we have had many severe storms and much rough weather, particularly during the late repairs, but all passed off without doing any injury to the works worth notice."

##### *Port Salen Boat-slip, Lough Swilly, County Donegal.*

The Board ordered this work to be commenced on the 7th April, 1870. It will be completed early in the present summer.

##### *Kilmore Pier, County Wexford.*

The repairs of this pier have been finished, and the cost thereof has been certified to His Excellency the Lord Lieutenant.

#### DRAINAGE MAINTENANCE.

Works are in progress in two drainage districts, both situated in the county of Mayo, namely, *Salween Lough and Moycor.* The works in the former are already near a close, and those in the latter it is expected will be completed before the end of the present year.

ROBERT MANNING, M. Inst. C.E.

May 10, 1871.

APPENDIX D. EXTRACTS FROM REPORT OF MR. JOHN S. MASON, C.E., Engineer in charge of ULSTER CANAL, For the year ending 31st March, 1871.

Report of Mr.  
J. S. Mason,  
Engineer.

Monaghan, 11th April, 1871.

SIR,—I beg to furnish the annual report on the Ulster Canal, including the works of maintenance, the formation of an addition to the reservoir at Gungahough, and the construction of a head feeder from the River Blackwater at Bellanade.

The works along the canal have been maintained in good order by keeping in repair the fences, towing-paths, and embankments, repairing the puddle banks where leakage appeared, and painting and repairing the lock gates.

The works of maintenance are described in the following divisions:—

#### 1. Charlemont to Clontarf—14 miles.

The works continue in general good repair. There are still some leakages in the lock cutting between the 3rd and 7th locks, the water escaping through joints of the work. The places have not yet been fenced. At Clontarf and Muckree's embankments, on the Clontarf level, trenches were pulled where leakages were observed, and some clay was casted in lighters to form the slopes. The fences and towing-paths have been kept in repair by the banksmen, with other minor works of maintenance in keeping the mud clear of weirs, and painting and repairing the lock gates.

#### 2. Clontarf to Monaghan—11 miles.

The principal work done in this division was the repair of embankments. On the Tylianah reach the high embankments near Martin's bridge required pulling, and the slopes were reinforced with clay. Several small slips in the ridge of the towing-path and fences were made good. The reach was run dry in the summer months, and the bottom cleared of mud and logs of weeds which at some places obstructed the passage of lighters. The towing-paths were stored and gravelled where necessary, and the maintenance of all the works, including the locks and lock gates, has been carefully attended to.

#### 3. Monaghan to Smithborough—8 miles.

At Monaghan a few patches of the towing-path gradually sank down where the embankment was founded on soft ground. Some clay has been banked for refloating the bank in summer time. Portion of the summit level was run dry, and the bottom cleared of weeds and mud. The towing-paths and fences in this division have been kept in good order by the banksmen. The invert at Ballylack tunnel, between 19th and 20th locks, prevented the drainage of the adjoining bank, and was lowered about eighteen inches. The lock gates were repaired and painted, with other works of maintenance.

#### 4. Smithborough to Clones—6 miles.

The works in this division are in general good repair. Below the 22nd lock the bottom of the canal, referred to in previous reports, was pulled, and the slopes will be finished when clay can be banked to the place. Near Clones, portions of the embankments at Legat Hill continue to settle down, and require to be raised. The ground and towing-paths were maintained in good order by the banksmen. The timber bridge at Orney's Island was repaired, also the lock gates and the locks were painted.

#### 5. Clones to Lough Erne—7 miles.

This division suffers injury from want of water in the summer time, exposing the puddle banks to the weather, and causing them to sink when the reaches are filled with water. The embankments have, there-

fore, required much attention, and have been raised and puddled where necessary. Near the 25th lock the ship plank groove, referred to in a previous report, was built. Between the 25th and 26th locks the reach was run dry, and the bottom cleared of mud and weeds. At the crossing of the Clones and Owen Highway the company have much improved, by widening the portion of canal which was altered by them, and there is now sufficient room for a lighter to pass under their locks. The towing-paths, partly used as farm roads, have been repaired, with minor works of maintenance, including the repairs of the timber bridges and painting the lock gates and beams.

#### Gungahough Reservoir.

Immediately below the present embankment, an addition is proposed to be made of thirty-three statute acres to the reservoir. The lands have been acquired under the Railway Acts, and the minister made his final award in the month of August. Since then the purchase has been completed, and, on getting possession, the fences were made, and are nearly completed.

The new reservoir is bounded by hills, except at a narrow outlet where an embankment, 100 feet long and twenty feet in height will be constructed, with sluices for supplying water to the canal. A quantity of stone has been quarried and drawn to the works, which are now in progress, and will be carried on during the summer.

#### Head Feeder.

For the purpose of supplying water to the canal, the River Blackwater, during floods, will be diverted into the reservoir by a head feeder constructed at Bellanade. Between the present reservoir and Bellanade the feeder will be made fifteen feet wide at bottom, and the embankments raised. From Bellanade a new course, a little more than a quarter of a mile in length and twelve feet wide in bottom, will be carried by embankments to the head weir of the mill, where a second weir will be built across the river, 150 feet long, with sluices and other works, for the purpose of diverting the river during floods into the new water course which is now partly constructed, and the works are in active progress—quarrying stones for building bridges and tunnels, and laying short railroads for forwarding the embankments.

The canal locks and gates continue in good repair, and the works have generally escaped injury from floods during the winter. The weed *Anacharis Alismifolia*, referred to in previous reports, still grows in the canal, and delays the passage of lighters, as it has not been cleared except when obstructing the flow of water along the reaches. The towing-paths are still injured and trespassed on by persons cutting on them as farm roads, who claim a right from not having been prevented using them by the late Canal Company.

As there has been no regular supply of water for keeping the levels or reaches constantly full during the year, the canal was closed for traffic; but in the winter months lighters were allowed to pass between Charlemont and Monaghan, carrying 1,074 tons of corn, coal, turf, timber, stone, tiles, and bricks. On the completion of the reservoir works an ample supply of water will be stored and available for the canal at all seasons, when a regular traffic may be expected.

I am, Sir,

Your obedient servant,

JOHN S. MASON, C.E.

Edward Hornby, esq., Secretary,  
Office of Public Works, Dublin.

EXTRACTS FROM REPORT OF MR. JAMES M. MERRICK, Inspector, on the STATE OF THE UPPER SHANNON NAVIGATION FROM SHANNON HARBOUR TO LOUGH ALLEN; also the BOYLE WATER NAVIGATION from its JUNCTION with the SHANNON to DRUM SHAUGH, near BOTTLE. For year ending 31st March, 1871.

APPENDIX D.  
Report of Mr. James M. Merrick, Inspector.

*Navigable Course from Shannon Harbour to Bottle Bridge Lock.*

The following works have been executed for the maintenance of the navigation channel, 79 miles, between Shannon Harbour and Bottle Bridge Lock, through Loughs Rea, Forbes, Boffin, Bodarrig, &c. Three new floating buoys were moored; 24 taken up, painted, repaired, and remoored; 28 larch guide-piles were painted or tarred; and 19 stone beacons underpinned, painted with cement, and lime-washed; and 1 wrought-iron beacon erected; 13 new timber floating buoys were moored, and 25 new larch guide-piles also erected, to replace those carried away by the floating ice of last winter.

*Shannon Bridge.*

The seams of the timber flooring of the swing-bridge were caulked and tarred.

The interior of the toll collector's house was lime-washed, and the timber work painted in oil paint.

*Adilone.*

The boundary wall of the Board's property, at the Old Canal, at south-east side of the Gordana Bridge, was repaired with 18 cubic yards of rubble masonry, and 30 lineal yards of rough stone coping re-set.

The navigation channel between the arrival-bridge and railway bridge was cleared of the weed "*stacharis aluminosa*," which, from the great heat of last summer, increased to such an extent as to impede the traffic.

One hundred and sixty cubic yards of pebbles and gravel filling were deposited at the up-stream side of the weir wall, to replace the backing washed away by the floods, and 500 square yards of the pavement on the down-stream side repaired.

One hundred and thirty-two lineal yards of stake and wire fence has been erected on the east wharf to prevent trespass.

The roof of the collector's toll-house has been repaired and 35 yards of metal eave-gutter erected.

The lock gates were tarred and the iron work painted. The traversing rollers of the lower gates having become loose on their axles were secured and replaced by the diver.

The traversing machinery of the swing-bridge has been protected by the erection of an iron railing between the girders and ashlar platform.

The two flat barges at this station were thoroughly repaired and supplied with eight iron-mounted boat poles.

The hoisting crane, millings, &c., on this wharf were painted.

A small boat and cane were provided for the toll collector's use.

The sheeting of the roadway of the swing-bridge has been repaired with 150 square feet of pine, 1 inch in thickness.

Five large boundary stones, marked B. P. W., have been fixed on the west bank of the canal to define the Board of Public Works property from the War Department's lands adjoining.

*Lansborough.*

The toll collector's office has been lime-washed, and the wood work painted.

*Ternsberry.*

The lock gates were pumped and the iron work painted.

One hundred and thirty-two lineal yards of stake and wire fence were erected near the lock to define the boundary of the Board's property, and prevent trespass of cattle, &c.

Eighteen lineal perches of sewer (extending from the

Strokestown-road to the catch drain of lower embankment), 6 feet in depth, were opened, cleaned out, and recovered.

The Board's house, at the bridge, was repaired, and the roof pointed in cement, and a new entrance door and frame erected. The jambs and reveals of doors and windows were pointed and plastered in cement.

Three hundred perches of catch drain of upper embankment was secured up and the slopes dressed, and the masonry of the culvert under the Strokestown-road was repaired.

The machinery of the swing-bridge was adjusted and some repairs executed on the roadway.

A fence wall of rubble masonry, 30 feet long by 4 feet high, and 2 feet thick, with rough coping set in mortar, was built at Lack, to define the boundary of the Board's property, and prevent trespass.

*Cloondrak.*

The lock gates at this station were scraped and tarred.

The roof and chimney-shaft of Lock House were repaired and pointed with cement, and the interior and exterior of the house was lime-washed and a new door and frame fixed in.

Sixty boulder stones, and gravel, containing about 13 cubic yards, were raised out of the canal (at the point where the Cuslin river discharges into it), by means of bag and spoon dredging, and 60 lineal perches of the canal was cleared of weeds.

Forty perches of catch drain of the canal were secured up.

*Booley.*

The lock gates at this station were scraped and the sheeting caulked and tarred, the iron work painted, and the rack and gearing of upper sluices adjusted.

The roof and chimney-shafts of lock house were repaired, a freestone created, and the interior of the house lime-washed.

A gap or "Queen's sluice," 30 feet in width, was opened in the harden of soil weir, at this station.

*Jamstown Canal, Lock and Mill Buildings.*

The exterior of the toll collector's house was painted with cement, and the interior lime-washed.

The lock gates on the Jamstown Canal were scraped and tarred, and the iron work painted. The foot boards were renewed.

A large quantity of weeds, which obstructed the traffic, were removed from the canal by means of drags.

In consequence of the high floods which occurred in last October, the west bank of the canal was raised for a length of 100 lineal yards, by 1 foot high and 2 feet in width, to prevent the water from flooding the adjoining lands.

*Carrickon-Shannon.*

The exterior of the toll collector's house was rough-cast, to prevent dampness, and the roof repaired, the interior lime-washed, and the wood work painted in two coats, oil paint.

The public sewer through the Board's property, at the west side of the river, was opened and enlarged, to ensure a better outfall.

The wharf was repaired with 8 tons of limestone metalling.

Fifty square yards of the face work of retaining wall, at south side of the harbour, was raised out and pointed with cement.

*Bottle Bridge and Drumlough Loughs, and Lough Allen Canal.*

The lock gates at Bottle Bridge were scraped and tarred.

APPENDIX D.  
Report of Mr.  
James M.  
Merrick,  
Inspector.

The exterior and interior of the lock beam was lime-washed, and the roof and chimney stacks pointed in cement.

The lock gates at Drumkeogee were scraped and tarred.

Two thousand three hundred and forty-five perches of catch drain, between Bettle Bridge and Lough Allen, were secured up.

Three hundred and forty perches of the canal were cleared of weeds, where they obstructed the traffic, between Bettle Bridge and Drumkeogee Locks.

In consequence of the high and sudden floods in October last, the water overflowed the west bank of the canal, between Lough Allen and Drumkeogee Lock, the great pressure forcing back about 70 lineal yards of the embankment, and causing considerable damage. The water was immediately dammed off at Drumkeogee Bridge, during the night of the 18th of October, and further damage prevented.

A stop gate of balk timber, 18 feet by 10 feet, has since been erected at Drumkeogee Bridge, to enable the canal bank to be repaired, and the sluice in the dam to be removed. It will be necessary to raise the west lock from 1 to 2 feet for a length of 918 yards, to guard against a similar occurrence.

*The Boyle Water from its junction with the Shannon to Drums Wharf.*

The lock gates at Knockvinn were scraped and tarred and the iron work painted.

A large quantity of weeds was removed from the navigation channel on the up-stream side of the lock.

The interior of the lock house was lime-washed, and a new timber gate and frame erected at the store, another timber gate to the towing path was also erected.

Nine new arch guide piles were erected to define the navigation channel between its junction with the Shannon and Knockvinn Bridge.

*General State of the Harbours and Wharves.*

The harbours and wharves at Leesary, Drums, Drumma, Corradoc, Jannstown, Killybeg, and Drumsambo, on the Shannon, and at Cootahall Bridge, Knockvinn, and Drums Wharf, on the Boyle Water, are all in a good state of preservation.

I am, sir, your obedient servant,

JAMES M. MERICK, Inspector.

Upper Shannon,

Athlone, 31st March, 1871.

To the Secretary, Board of Public Works,  
Custom House, Dublin.

Report of Mr.  
William  
Molloy,  
Inspector.

EXTRACTS FROM REPORT OF MR. WILLIAM MOLLOY, Inspector, on the STATE OF THE SHANNON NAVIGATION (LIMERICK DISTRICT), and the MAJUR Navigation. For the year ending 31st March, 1871.

Shannon Office, Limerick,  
25th March, 1871.

SIR,—I beg leave to submit to you, for the information of the Board, the following report on the state of the works on the Lower and Middle Shannon, which have been carefully maintained during the past year, all of which are in a good state of repair at present.

#### General.

The pier, harbour, and roadway at this station are in good repair; no expenditure incurred during the past year.

#### Kilrush Pier and Harbour.

The heavy gales during the past year have done some injury to the western wall and parapet of the pier, which has been made good, and the old portion of the inner side of the harbour painted and properly secured. A portion of the top pavement taken up, removed, and reset, the surface of the worse steps renewed by rough punching. The machinery of the crane at the steamboat berth was much worn and defective, a new set of wheels and gearing had to be provided for same. The roof of the store coated with well-baked tar, and the woodwork painted.

#### Sales Pier.

The surface of wharf has been repaired. A retaining wall at end of house built 12 feet long and 6 feet high. A new oak ladder 10 feet long has been provided for the use of vessels and boats at low water; the collector's house lime whitened.

#### Milberry Pier.

The works at this station are in good repair, and no expenditure incurred during the past year.

#### Foyne Harbour.

The wharf has been repaired with strong gravel from the beach. One hitting stone cleaned, painted, and back stays turned. The accumulation of silt is still on the increase, which very much affects the vessels entering the harbour.

#### Killybeg.

The works at this station are in good order, the iron ladder has been repaired and landed into the stone work.

#### Clare Harbour.

The wharf has been repaired with 12 cubic yards of broken stones, and the berths for vessels cleaned and made even; the office lime-whitened; one new backstay to the crane, 37 feet long, mounted and coated with well-baked tar; the ironwork painted two coats.

#### Limerick Navigation.

The canal locks, wharves, roadways, bridges, culverts, and towing-paths between Limerick and Kilsloon, a distance of 16 miles, have been well and carefully maintained.

In consequence of the high floods during the past winter, several slips have taken place in the banks on the Shannon levels; they were attended to without delay, and the injury made good. The wharf and roadway between Clare-street and the canal stores has been repaired with 80 cubic yards of broken stones, the cast-iron pillars cleaned and painted in oil paint. The collector's and inspector's house and office cleaned and lime-whitened. There has been two pairs of new deep gullies made and erected; one pair at Annabeg, the framing is 15 feet deep by 10 feet 2 inches wide; the second pair at Gilligog, the framing is 16 feet deep by 10 feet 2 inches wide; the tidal lock-gates have been taken up and newly sheeted, 7 feet deep by 25 feet wide, with  $2\frac{1}{2}$  inch red pine; 6 new elm sluices fully mounted with  $1\frac{1}{2} \times \frac{1}{2}$  inch iron on the bars to save the sheeting; 5 new balance beams put on, 35 feet long, 14 inches square; 8 new footboards of native elm, 12 feet long, 15 inches wide, and  $\frac{3}{4}$  inches thick, mounted with half-round iron on front of same, 9 uprights and brackets, 2 logger heads, together with used and necessary repairs. The woodwork of the several lock-gates, 35 in number, have been scraped, cleaned, and tarred, the iron work painted, 2 oak stop-posts put down at Ertine lock, one new cast-iron built at Clonsilla lock, 12 feet by 9 feet wide, with door and window in same. The towing-paths have been repaired with 280 tons of gravel, 87 yards superficial of stone pitching on slopes, 387 yards superficial of sodding slopes of banks, 1,544 perches of boundary drains secured and deepened, 625 perches of the canal cleaned and freed from weeds, which formed an obstruction to the trade boats. The lockhouses, stores, &c., 31 in number, have been lime-whitened, the roofs repaired, the doors and windows of same painted one coat in oil.

*World's End.*

The stone pitching of slopes defective has been pinned, made good, and the roadway repaired with 8 tons of strong gravel.

*Ardsheeny River.*

The succession of heavy floods in this river during the past year have brought down large quantities of shingle and gravel from the mountains, the chief part of which has been trapped above the towing-path, and prevented from being driven into the navigation course; 1,331 cubic yards of this gravel removed by horses and carts, and 411 cubic yards by hand dredger, from the navigation course; 75 perches of boundary drain scooped and deepened; 92 perches of soil fence built, and 85 yards superficial sodding on slopes.

*Killalea.*

The collector's caretaker's, and stove houses have been repaired and lime-whitened; portions of the river wall between the lock-house and the pier-head have been pinned. The Caisson-dredger has been thoroughly repaired and put in first rate working order. She has been fitted up with a new ladder of best red pine, free from sap, 43 feet long 18" x 6", the segment pieces 24 feet long 6" x 6", the stanchions, cross-heads and cross-bars of African oak, bound with 104 feet lineal of 4" x 3" flat iron, and hung with double straps; two new stationary scoops made of native elm, 7 feet long, 3 feet wide, and 39 inches deep, 2½" stuff; two shifting scoops of native elm 5 feet long, 3 feet wide, and 12 inches deep; four uprights of African oak for frame of scoops 5' 6" x 6" x 4"; two oak frames for lifting scoops, with the necessary eye bolts, V straps, &c.; one new funnel, 12 feet high, and one new stay ladder, 6 feet long, supplied. One new side dock raised 2' 2" high, 12 feet long, and 8' 4" wide; the beams and joists are of African oak, and the deck plank of red pine, 3 inches thick, the portion of the deck over the boiler, 16 feet long and 4 feet wide, has been laid with 2-inch plank. The interior of the boat has been fitted up for the accommodation of the master, engine-driver, and dockman, with new flooring, side sheeting, lockers, and other fittings. No. 2 copper-hinge has been repaired with two new decks, 14 feet square on joists 14 feet long, 7" x 4", covered with 2-inch red pine sheeting, all seams caulked 3 threads; 298 superficial feet of 2-inch red pine plank on sides and ends.

*Scoriff.*

Both quays at this station are in good repair. No expenditure incurred during the past year.

*Meest Skewen.*

The works of this station are in good order. No expenditure incurred during the year.

*Portmarnock.*

The wharf has been repaired with 13 cubic yards of broken stones; the baiting crane cleaned and painted; the roof and sides of the office coated with tar. The toll-house lime-whitened; 185 perches of canal to the Caisson-dredger have been dragged and cleaned of all weeds which impeded the traffic; 236 lineal yards of boundary fence repaired, and boundary drain cleaned up; 36 heavy larch trees provided for repairs of works, and piles for defining sailing course.

*Menick.*

Several leakages having appeared from time to time in the new canal bank were attended to without delay, the leakages made good by stopping them with well tempered putty; the lock-house and stores lime-whitened, all woodwork of doors and windows painted two coats in oil pink; 186 perches lineal of drain cleaned and all obstructions removed therefrom; the

sheeting of the deep gates was very defective, and had to be renewed with 360 feet superficial of 3-inch plank, red pine, and coated with Stockholm tar. The brass bandings in the roller frames were much worn, they had to be taken out and new ones put in by the diver; the working gear, crab wheels, sluice boxes, posts, and hand-calls, have been all painted two coats in oil.

*Clooshamogues Canal.*

The mud bank on the south side has been repaired with 8 cubic yards of broken stones, 130 yards superficial of sodding slopes, 375 perches lineal of boundary drains scooped and deepened. The lock-house suffered a good deal of injury from the winter storms; the roof has been overhauled and painted, six new window-sashes glazed and put in, the doors, doors, and shutters repaired. The wooden bridge over the canal at Kylescoriff Mill was very defective, the ends of the girders decayed from dry rot; they were sawed, lanced, and the sheeting renewed, the iron railings repaired, made good, and painted; the ballast sheeting planks were quite rotten, and had to be renewed with 120 superficial feet of rough deals.

*Ranagher.*

The collector's house has been lime-whitened, the roof of the store repaired, and one metal pile driven at the entrance to the harbour.

*Shannon Harbour.*

The ferry-boat at this station was defective; she had to be taken up and put into dock for general repairs, viz.—Oak timber heads 3' 6" x 5" x 4"; oak stanchions 3' 4" x 4" x 4"; 171 feet superficial of 2-inch red pine plank on sides and ends, 99 feet of 2-inch red pine sheeting in gangway inside, 18 feet lineal of garboard plank, 12 inches by 2½ inches thick, native elm; 92 feet of angle iron on bottom and ends, 10 inches wide; 3 iron straps on ends, 4 feet long 2½" x 4"; and 1,663 feet of caulking, 3 threads, all paid off and coated with Stockholm tar.

The approaches to the ferry-landings have been made good by driving 19 beach piles, secured with 182 feet long of larch walings bolted to piles. The struts that support the piles, and booms for the protection of the wooden bridge, have been secured with bolts and nuts, and 195 head wood battens, 4" x 3" x 14", have been spiked on the surface of the wooden bridge, to prevent boats from slipping; 30, 12" x 9" x 8", rough deals driven at the ends and sides of the landings for the ferry-boat.

*GENERAL NAVIGATION.*

The necessary guide piles, buoys, and beacons for defining the sailing course have been attended to, viz.: 4 piles of native timber driven between Ranagher and Portmarnock; one oak pile driven between at the entrance to Longherry; 7 iron buoys replaced on shoals which shifted from their proper position on the bank; 6 buoys taken up, cleaned, and painted, the chains renewed, and placed on shoals; 8 buoys lime-whitened. A large cast-iron pile has been put up on Castle Farrel shoal, Cause way, which is a very great advantage to steamers having to run up westward for shelter in rough weather.

*RIVER MAHONY NAVIGATION.*

The works on this navigation are in very good order. The collector's house has been lime-whitened, the doors and windows painted one coat plain colour.

I have the honour to be, sir,

Your obedient servant,

WILLIAM MOLLOY.

The Secretary, Board of Works, Dublin.

APPENDIX D.  
Report of Mr.  
William  
Molloy,  
Inspector.